

9 INFRASTRUCTURE SERVICES

9.1 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - SEPTEMBER 2024

Date Prepared: 16 September 2024

Author: Manager Assets and Projects

Attachments:

1. [Capital Works Highlights - September 2024](#) ↓
2. [Capital Works Summary - September 2024](#) ↓

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 2024.

RECOMMENDATION

That Council receives the Infrastructure Services Capital Works Monthly Report for the month of September 2024.

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 Infrastructure: The provision of quality infrastructure to service our growing community using sound asset management principles.

IMPLEMENTATION/COMMUNICATION

Infrastructure Services Capital Works Report Project Highlights – September 2024



Project Name: Myola Road – Mill/Fill and Seal

Program: Urban Streets

Background

In the 2023/2024 Capital Works Program Road to Recovery (R2R) funding was made available to undertake pavement milling with asphalt patching followed by a C170 bitumen seal to waterproof a three (3) km section of Myola Road to extend the pavement’s functional life.

Progress Update

The mill/fill process recommenced in early August at the southern end of Myola Road. This portion of the works was completed mid-August. The 14mm bitumen reseal was completed late September and the line marking will be installed during October 2024.



Completed Reseal

Infrastructure Services Capital Works Report Project Highlights – September 2024



Project Name: Ootann Road Section 1 and 2 Widen and Seal

Program: Rural Roads

Background

On 16 November 2023, Mareeba Shire Council received confirmation from the Australian Government that funding from the Investment Road and Rail Program would be made available to undertake widening and sealing works on Ootann Road. The funding will cover 80% of the design and construction costs with the Transport Infrastructure Development Scheme (TIDS) contributing 10% and Mareeba Shire Council the remaining 10%.

Scope of Works

The scope of works includes the widening, sealing and drainage upgrade of two (2) unsealed sections of Ootann Road. Section 1 is from Ch 79.69 to Ch 81.99 and Section 2 is from Ch 75.72 to Ch 77.68.

Progress Update

During September, culvert installation was completed, and cut to fill operations to subgrade level continued. Rock breaking equipment has been working in both Sections 1 and 2 bringing table drains, culvert inverts and road subgrade down to design height. Given good weather and water supply, it is estimated that the programmed work for the 2024 calendar year at the Ootann Road project will be completed by the end of October. The crew will then return after the wet season in 2025 to complete pavement and sealing works.



Exposed rock in table drains



Rock breaker bringing road down to subgrade level



Embankment filling operation



Section 1 formation

Infrastructure Services Capital Works Report Project Highlights – September 2024



Project Name: Gully Betterment

Program: DRFA

Background

Queensland Reconstruction Authority (QRA) declared the 'Far North Queensland Low Pressure Trough, 1 – 7 February 2022' a natural disaster event, triggering Disaster Recovery Funding Arrangements (DRFA) which provide local governments with assistance to reinstate essential infrastructure. Over and above the restoration work, QRA has selected Council to undertake a Betterment pilot program, where creek and gully crossings on specific roads will receive upgrades. These upgrades aim to improve the resilience of the Shire's road network, as gully crossings are often one of the greatest impediments to traffic flow when damaged, especially during the wet season.

By strengthening these crossings, the intent of the program is to help the community recover more quickly from future disaster events. The project aims to present long-term savings at all levels of government, particularly following natural disasters.

The project is jointly funded (50:50) by the Australian and Queensland Governments and Mareeba Shire Council.

Scope of Works

The scope of this project is to undertake upgrade of 78 identified gully crossings on 29 unsealed roads throughout Mareeba Shire based on three (3) approved standard treatment types:

- Concrete toe walls (upstream and/or downstream)
- Stabilised pavement bed-level causeways
- Concrete bed level causeways

Progress Update

Construction commenced in April 2024, with the program nearing completion.

During September, the contractor completed works at four (4) sites, being: McBean Road, Bakers Road, Bellevue Road and Mount Misery Road.

Works are anticipated to be completed on the remaining locations prior to end of calendar year.

**Infrastructure Services Capital Works Report
Project Highlights – September 2024**



McBean Road, Mareeba (before and after)



Bakers Road, Mt Molloy (before and after)

Infrastructure Services Capital Works Report Project Highlights – September 2024



Project Name: Bicentennial Lakes Southern Section – Footbridge Replacement

Program: Parks and Open Spaces

Background

The Bicentennial Lakes Stage 1 project was identified as the key priority project in the Parks and Open Spaces Strategy, which was adopted by Council in February 2022.

Scope of Work

The remaining scope of works is to upgrade all the footbridges in the Bicentennial Lakes Southern Precinct to safe, accessible current standards. One redundant footbridge was also flagged for removal.

Progress Update

The northern footbridge nearest to Keeble Street has now been replaced with a flat, safe and accessible footbridge and construction is underway to replace the footbridge adjacent to the Mason Street playground, connecting with the back of the Mareeba State High School.



Construction of the new accessible footbridge



Completed footbridge

Infrastructure Services Capital Works Summary Report - September 2024



Project Code	Project Description	Project Comment	Project Stage
Program: 01 - Rural and Urban Roads Reseal Program (Renewal)			
CP0003731	24/25 Bitumen & Asphalt Reseal Program	MSC reseals currently programmed for early December with line marking in January 2025.	Not Commenced
CP0003732	24/25 Gravel Resheet Program	Wolfram Road, Braund Road and Metzger resheet projects are all underway.	Construction
CP00835	DRFA Gully Betterment	Works continue on the Gully Betterment Program, on track for completion prior to end of year.	Construction
Program: 02 - Gravel Resheet			
CP0001022	23/24 Gravel Resheet Program	Project completed August 2024. Waiting on invoices for external plant hire to close project out.	Completed
Program: 03 - Urban Streets			
CP0001023	Recovery Way (WTS) Rehab Ch 0.176-0.272	Procurement will commence October 2024.	Procurement
CP0001024	Myola Rd Ch 0.2-3.06	Reseal completed 25/09/2024. Line marking programmed for mid-October.	Construction
CP00795	TIDS 23-27 Herberton/Constance Inter	Construction to commence October 2024.	Construction
CP00797	TIDS 22/23 24/25 Rankin/Walsh St R'bout	Detailed design in progress, additional liaising required with Telecommunications Providers.	Design
Program: 04 - Rural Roads			
CP0000949	TIDS 23-25 Springmount Rd Ch 6.7-7.55	Practical completion of project achieved August 2024. Drain and inlet/outlet clearing and dig outs at MSF Mill underway during September/October.	Construction
CP0002040	KDA Barron Falls/Masons Rd/Falls Lookout	Survey and soil investigations scheduled for October.	Planning
CP0002041	KDA KIA09 Barron Falls Rd Thongon-Mason	Survey and soil investigations scheduled for October.	Planning
CP0002042	MBA James St Mill & Fill	Scope defined and survey and lab investigations underway. Design detailing to be provided asap.	Design
CP0002048	KDA Kuranda Heights Rd Intersection	Survey and soil investigations scheduled for October.	Planning
CP0002050	MBA Mclver Rd Rehab & Widen	Survey and soil investigations scheduled for November.	Planning
CP0002060	KDA Oak Forest Rd Rehab & Widen	Survey and soil investigations scheduled for October.	Planning
CP0002066	DIM Leafgold Weir Rd Widen Curves	Soil investigation and survey work advanced. Design work to be completed November.	Design
CP0002069	MBA Chewko Rd Rehab/Widen & Seal	Design complete, finalising documentation for handover to construction.	Design
CP0003753	MBA Byrnes St Safety Upgrades	Works out to Tender closing 4 October 2024.	Design
CP00801	TIDS Ootann Rd Section 1&2 Widen & Seal	All RCP's installed. Last major fill section was completed 26/09/2024. Crew is currently working on the last major cut in Stage 2. Road will be completed to subgrade height before disestablishment for 2024. This is estimated to be late October 2024.	Construction
Program: 05 - Bridges			
CP0001558	MBA Tinaroo Creek Rd Ada Creek Causeway	Design to be done inhouse and scheduled for delivery by 30 June 2025.	Planning

Infrastructure Services Capital Works Summary Report - September 2024



CP0001564	KDA Oak Forest Rd, Barron River Bridge	GHD design and specification documentation completed. Currently out to Tender closing 17 October 2024.	Procurement
CP00839	Bullaburrah Ck Rd C'way Relieving Slab	Not commenced.	Not Commenced
CP00841	Bolton Rd Inspect/Design/Repl Girders	Draft Report received, review underway.	Construction
CP00843	Barron River Cwy Henry H Dr Repl Slabs	Not commenced.	Not Commenced
Program: 06 - Drainage			
CP0001598	24/25 Renew Minor Culverts & Drainage	Culvert replacements are planned for Armstrong Road and Borzi Road. No program dates set as yet.	Planning
CP0003689	MBA CBD Drainage Upgrade Stage 1	Waiting for deed of agreement from Australian Government before project can commence.	On Hold
CP0003690	MBA Ray Rd Culvert Upgrade	On-going investigation. Project linked to Ray Road drainage study.	Planning
CP0003695	Irvinebank Jessie St/Rubina Tce Upgrade	Investigations to commence late 2024.	Not Commenced
CP00844	MBA Amaroo Drainage Upgrades	Design handover documentation to be finalised and provided to Construction.	Design
CP00938	Tilse Street Upgrade Drainage	Practical Completion reached. QA documentation and Financial Close out underway.	Completed
Program: 07 - Traffic Facilities			
CP0000947	Mareeba Aerodrome Safety & Repairs	Awaiting fire-fighting system upgrade quotation from Contractors. Line marking and Lighting amendments awarded, works programmed for October 2024.	Procurement
CP0000951	Anzac Ave LATM Upgrades	Speed activated signage and line marking works to be completed. Design of Anzac Avenue to be commenced August with target draft review date December 2024.	Construction
Program: 08 - Parking			
CP00846	MBA Heritage Centre Carpark Extension	Car park connecting footpath through Centenary Park in design review.	Design
Program: 09 - Footpaths			
CP0001026	23/24 Footpath Renewal Program	Atherton Street and Lloyd Street footpath sections completed during the September school holidays.	Construction
CP0001027	23/24 Footpath Upgrade Program	Applied for grant funding to build new footpath connection between Hastie Street and Atherton Street.	Planning
CP0001665	Mt Molloy Footpath & Furniture Refurb	Designs to be pushed out and rescheduled for October.	Planning
CP0001666	KDA Barron Falls Rd Replace Footpath	Site visit to inspect damage and advance the briefing process has been rescheduled for late October.	Design
CP0001742	MBA WNP Constance-Lloyd St Footpath	TMR School Transport Infrastructure Project grant successful. Deed of Agreement to be finalised.	Design
Program: 10 - Parks and Gardens			
CP0001029	Kda Com Precinct Parks Upgrade	Planning to progress in 2024.	Planning
CP0001803	Julatten Geraghty Pk Refurb Playground	Planning in progress, works to be undertaken 2025.	Planning
CP0001805	MBA Bicentennial Lakes Northern	Funding approval pending sign-off of the Deed of Agreement.	Not Commenced

Infrastructure Services Capital Works Summary Report - September 2024



CP0001871	MBA Centenary Park Upgrade Fencing	One Submission received. Budget shortfall. Awaiting direction.	Procurement
CP0003670	MBA Amaroo Park Shade	Planning.	Planning
CP00807	KDA Centenary Park Playground Upgrade	Footpath improvements to be programmed as part of Coondoo Street Upgrade Project.	Construction
CP00809	MBA Bicentennial Lakes (Southern) D&C	Assessing scope and cost to install a fence to stop children running up the slide embankment. Arched footbridges replacement with accessible footbridges construction commenced.	Construction
CP00860	KDA Anzac Park Landscaping	Project complete, awaiting financial completion.	Completed
CP00861	KDA Coondoo Street Refurb	Coondoo Street Footpaths Pavement Upgrades tender and Upper Coondoo Street lighting tender closed. Submissions being assessed.	Procurement
CP00862	KDA CBD Planter Boxes & Gardens	Deed of Agreement with Queensland Government being developed. Works to commence once agreement is signed.	Planning
Program: 11 - Water			
CP0001036	23/24 AC Water Main Replace Program	Some works are yet to be done and will be completed as soon as possible.	Construction
CP0001037	23/24 Water Telemetry/SCADA Upgrades	Completed August 2024.	Completed
CP0001038	23/24 Retic Valve/Hyd Replace Program	New valves to be installed Lerra and Byrnes Streets.	Construction
CP0002670	FY24/25 - WTP Minor Infrastructure	RFQ's issued for various works which will be ongoing throughout 2024-2025. Some works have commenced with some works being staggered out over the course of the financial year due to waiting on materials and equipment	Construction
CP0002671	FY24/25 - Water Main Replacement	Prestart meeting held 5 September. Service location works commenced.	Construction
CP0002672	FY24/25 - KDA WTP Turbidity Meters	Some equipment has arrived and been installed and works should be completed by calendar year end.	Construction
CP0002674	FY24/25 - DIM WTP Turbidity Meters	Equipment has been ordered with long delivery lead timeframe.	Procurement
CP0002675	FY24/25 - Replace Chlorine Analysers	Analysers ordered, some have arrived and been installed.	Construction
CP0002677	FY24/25 - Telemetry/SCADA Upgrades	RFQ's for some of the works required, initial onsite works to commence early October.	Construction
CP0002680	FY24/25 - Hydrants & Valve Renewal	A program of works has been developed and will be undertaken throughout the 2024-25 FY.	Procurement
CP0002682	FY24/25 - Irvinebank Ibis Dam PS	Existing pump has had another inspection and before replacing we will fit a strainer on the suction side of the pump to see if it can be operated efficiently enough.	Construction
CP0002683	FY24/25 - DIM WTP Pump Replacement	As assessment will be made during the November servicing and maintenance schedule whether the pump will be replaced.	Planning
CP0002684	FY24/25 - Smart Meters Replacement	This project is ongoing throughout 24-25	Construction
CP0002762	FY24/25 - MBA WTP Refurbish Clarifiers	Project tender has been formally awarded, contract to be signed late September / early October with actual construction works scheduled for completion November 2025.	Construction
CP0002764	MtM Replace Hunter Ck Weir	We had a dam specialist from GHD take an initial inspection which we now need to progress to formal assessment and reporting on the weir.	Not Commenced
CP0002921	MBA Booster Pump Station Relocation	An RFQ has been issued for the relocation of both Granite Creek and Centenary Park pump sets and setting up the Granite Creek Pump Set at Centenary Park.	Procurement

Infrastructure Services Capital Works Summary Report - September 2024



CP0003667	FY24/25 Irvinebank Ibis Dam Valves	We met with GHD Consulting on site who will now make recommendations on vales required prior to procuring.	Planning
CP0003668	CHI Renew Water Line	This project will only be done in 2024-2025 if there are residual funds left over from replacing water mains in Mareeba and Mt Molloy in 2024-2025.	On Hold
CP0003734	MBA WTP Fuel Pod For Generator	Fleet coordinator to acquire the new fuel pod for installation late November, December 2024	Procurement
CP00730	Mba WTP Study for Upgrade of WW System	Final report due after 25th October once filtration project reaches practical completion.	Construction
CP00733	BOR6 MWTP Filtration Upgrade	Project at commissioning stage and this is expected to be completed 25th October then the project will have reached practical completion.	Construction
CP00876	BOR6 22/23 Water Forward Design Program	Qld State Govt agreed to use funds for the design of a 10ML water reservoir, design completed June 2024.	Completed
CP00878	MBA Decommission Basalt St Elevated Tank	This work will be done in conjunction with the final commissioning of the booster pump station.	Planning
CP00879	MBA Decommission Granite Ck Pump Station	Project cannot commence until the new water booster station project has had its final commissioning in September.	Planning
Program: 12 - Wastewater			
CP0001040	Mba WWTP Purchase Forklift	Forklift delivered in September.	Completed
CP0001041	Mba WWTP Inlet Works Replacements	Waiting on LM Engineering to complete their works.	Construction
CP0001043	Atherton St Pump Station Refurb	Project subject to grant funding.	On Hold
CP0001046	23/24 WW Telemetry/SCADA Upgrades	Project now completed and can be closed out once final invoices have been received.	Completed
CP0001047	23/24 WW CCTV & Relining Program	Project completed with reduced scope in June 2024.	Completed
CP0001050	Kennedy Hwy PS Control Board Upgrade	New switchboard being installed during the period of 30 September to Friday 18 October.	Construction
CP0001053	23/24 WWPS Refurbishment Program	Final works scheduled for September and October.	Construction
CP0002474	FY24/25 - MBA Sewer CCTV & Reline Prog	Planning.	Planning
CP0002475	FY24/25 - WW Pump Station Ancillary	RFQ under development for pump station ancillary works, with a separate RFQ being developed for significant repairs at Gully Pump Station, concrete driveway has been undermined by heavy rainfall and areas around the pump station requiring construction of a concrete stabilisation bank	Not Commenced
CP0002476	FY24/25 - WW Reticulation Pumps Renewal	Pumps will be assessed during the November maintenance servicing program which will inform which pumps are to be replaced.	Not Commenced
CP0002477	FY24/25 - Telemetry/SCADA Upgrades	Initial works will commence late September to early October.	Not Commenced
CP0002479	FY24/25 - Pump Station Generators x 2	Contract has now been awarded and the new generators being procured and once they arrive they will be installed.	Procurement
CP0002480	FY24/25 - Manhole Rehab & Replace	Submissions received. Evaluation and recommendations complete and report to be tabled with Council.	Procurement
CP0002481	FY24/25 - MBA Constance St Rising Main	Project is currently at design completion stage with a short section of the new sewer main installed at the intersection of Constance Street / Herberton Street. The as constructed drawings form this short section of works will now be used to inform and update the final design of the project	Design
CP0002482	FY24/25 - KDA WWTP Renew Control Panels	Majority of the works have now been completed.	Procurement

Infrastructure Services Capital Works Summary Report - September 2024



CP0003715	KDA WWTP Renew 6x4m Shed	Quotes were sourced from suitably qualified suppliers, purchase order has been issued and works will commence once materials arrive.	Procurement
CP0003722	KDA WWTP Renew 6x6m Shed	Quotes were sourced from suitably qualified suppliers, purchase order has been issued and works will commence once materials arrive.	Procurement
CP00889	22/23 MBA Sewer CCTV & Relining	Sewer reticulation smoke detection and CCTV imaging works currently underway with an expected completion timeframe of end of September to late October.	Construction
Program: 13 - Waste			
CP0002216	KDA WTS New Ablution Block	One submission for RFQ. Budget shortfall. Awaiting other invited responses to RFQ.	Procurement
CP0002220	MBA TS Leachate Pump Annual Program	There has been some safety issues highlighted with accessing the pumps, this is now under review and a methodology will be developed to mitigate any risks. Pumps will then also be assessed for replacement during the November servicing.	Not Commenced
CP0002221	MBA TS Leachate PS Pump	There has been some safety issues highlighted with accessing the pumps, this is now under review and a methodology will be developed to mitigate any risks. Pumps will be assessed for replacement during servicing scheduled for November.	Not Commenced
Program: 15 - Fleet			
CP0001071	Fleet Replace #1231 Toyota WW	Procurement in progress.	Procurement
CP0003738	Replace Asset 741 Street Sweeper	Procurement Stage, RFQ posted 23/09/2024, expect 6-8 months delivery from time of approval.	Procurement
CP0003739	Replace Asset 620 Job Truck	Procurement Stage, Tender evaluated waiting approval.	Procurement
CP0003740	Replace Asset 1255 Toyota Hilux	Currently in planning phase.	Planning
CP0003741	Replace Asset 1274 Toyota Hilux	Procurement Phase.	Procurement
CP0003742	Replace Asset 4052 Kubota Mower	Procurement phase, evaluation complete, awaiting approval to purchase.	Procurement
CP0003743	Replace Asset 5005 MF Tractor/Loader	Procurement phase, evaluation complete, awaiting approval to purchase.	Procurement
CP0003752	Replace Asset 3010 Toyota Landcruiser	Procurement phase, evaluation complete, awaiting approval to purchase.	Procurement
CP0003773	Replace Asset 1307 Mitsubishi Pajero	Project Completed, Vehicle in service.	Completed
Program: 16 - Depots and Council Offices			
CP0001064	Mba Depot Admin Building Refurb	Refurb works completed.	Construction
CP0001597	CHI Depot Office Renewal	Scoping complete. Out for procurement.	Procurement
CP0003737	MBA Kowa St External Staff Training Room	RFQ prepared for market invite.	Procurement
CP0003765	MBA Kowa St Depot Fuel Bowser	Change request for further budget requirement submitted.	Procurement
CP00759	Kowa St MSC Depot Emergency Generator	Investigations recommenced, delivery targeted prior to end of 2024.	Planning
Program: 17 - Community Buildings			

Infrastructure Services Capital Works Summary Report - September 2024



CP0001059	Mba/Dim Aquatic Condition Assessment	RFQ development has begun, intent to release to market prior to end of 2024.	Planning
CP0001632	Annual Toilet Refurbishment Program	Scoping commenced.	Planning
CP0001637	KDA Library Paint & Roof Improvements	No submissions received for painting. Submissions for awning structure received and to be awarded.	Procurement
CP0001639	Annual Minor Building Refurbishment	Scoping commenced.	Planning
CP0001646	KDA Recreation Centre Improvements	Not commenced.	Not Commenced
CP0001664	Annual Facilities LED Lighting	Not commenced	Not Commenced
CP0002909	DIM Memorial Hall Park Lighting Upgrade	Design received. Works to be awarded to current Memorial Hall Electrical contractor.	Procurement
CP0003718	MBA Davies Park Field 2 Lighting Upgrade	Design complete. Project delivery subject to suitable grant funding.	Design
CP0003729	MBA Aquatic Centre Pool Expansion Joints	Preliminary investigations commenced September 2024.	Planning
CP0003756	MBA Davies Park Field 1 Lighting Upgrade	Design received. Out for procurement.	Procurement
CP0003774	MBA Animal Mgmt Solar Panels - ON HOLD	On hold.	Not Commenced
CP00749	Aquatic Facility Upgrades & Solash Park	Works complete.	Completed
CP00793	MBA Women's Restroom Refurb	Investigations for options to commence prior to end of 2024.	Planning
CP00819	22/23 Shire Toilet Facility Repl Program	Arnold Park Toilet Repairs/Refurbishment complete.	Completed
CP00909	KDA Aquatic Cnt 25m Pool Aquaris Upgrade	Delays due to contractor availability, works remain required.	Procurement
CP00941	23/24 Park/Sporting LED Lights Arnold Pk	Reviewing Electrical Engineering Report before going out to Quote.	Design
CP00942	22/23 DIM Town Hall A/C/Solar/Lighting	Main switch board, air conditioning and solar installed.	Completed
Program: 18 - Non-Infrastructure Items			
CP0001085	Mba Cemetery Expansion Planning	Investigations into concept options identified, to commence concept designs October 2024.	Planning
CP0003684	MBA New Cemetery Lawn Plaque on Beam	Concrete beam installation programmed for late October 2024.	Not Commenced
CP0003716	MBA Smartnet GPS Base Replacement	RFQ has been uploaded to Vendor Panel. Closes 3rd October 2024.	Planning
CP0003717	KDA Heights Cemetery Lawn Plaque on Beam	Will be constructed after 2024/25 wet season.	Not Commenced
CP00446	Kuranda New Cemetery	Contract awarded for Gabion Walls, construction commenced.	Construction
CP00932	MBA MIP Expansion	Quotations received for Detailed Design.	Design

9.8 PARKS AND OPEN SPACES QUARTERLY REPORT JULY 2024 - SEPTEMBER 2024

Date Prepared: 4 October 2024

Author: Manager Assets and Projects

Attachments: 1. Parks and Open Spaces Quarterly Report July 2024 - September 2024 [↓](#)

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 2024 – June 2024.

RECOMMENDATION

That Council receives the Parks and Open Spaces Action Plan Progress Report for the months of April 2024 – June 2024.

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 and Governance: A financially sustainable council that applies strategic decision making and good governance to deliver cost-effective services.

Community and Culture: An informed, engaged and resilient community which supports and encourages effective partnerships to deliver better outcomes.

Transport and Infrastructure: The provision of quality infrastructure to service our growing community using sound asset management principles.

Liveability and Environment: Improve the liveability of the Shire by enhancing amenity and valuing natural assets.

Economy and Growth: Promote and encourage investment in local industry to build a resilient economy.

IMPLEMENTATION/COMMUNICATION

Parks and Open Spaces 3 Year Action Plan - Project Update: July 2024 – September 2024

Legend

	Project scheduled
	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)				Planning to commence in December 2024 January 2025
Chillagoe Playground Improvement				Project Complete
Dimbulah Parks Revitalisation				Project Complete
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				Roscommon Park Speewah. Fitness equipment, artificial turf and shade sail installed. Project Complete
IMPROVE BICENTENNIAL LAKES				
Bicentennial Lakes (Southern) Upgrade				Waterway stream has been re-established following ex-Jasper flooding. Toilet, pump track, playground internal pathways, playground, picnic shelter, picnic setting and seating complete. Footpath renewal Connecting Mason St to Flat Footbridge Footpath Renewal is complete. Footbridge upgrades underway and one footbridge is complete
Bicentennial Lakes (Northern) Upgrade				Community engagement complete for Bicentennial Lakes Northern precinct. Growing Regions Grant Funding Secured. https://msc.qld.gov.au/current-community-consultation/
IMPROVE PARKS AND OPEN SPACES				
Amaroo Park				Playground and carpark construction complete Masterplan Complete.
Mareeba Town Walking Trails Upgrades				The Walking Network Plan has been adopted by Council and a Priority Works Program has been developed. Works have are complete for the following priority projects: <ol style="list-style-type: none"> 1. Constance and Atherton Street Intersection 2. Lloyd and Constance Street intersection 3. Lloyd and Walsh Street intersection 4. Ceola Drive – a walking/cycling lane along the western side of Ceola Drive.

Parks and Open Spaces 3 Year Action Plan - Project Update: July 2024 – September 2024

				<p>5. Anzac Avenue – a walking lane and marked parking bays at the missing connection near Durston Street</p> <p>This project was funded by the Department of Transport and Main Roads.</p>
Gregory Terrace (Kuranda) Park Upgrade				Not commenced. Design to commence in 2024.
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*				<p>Centenary Park Kuranda – Playground construction is complete.</p> <p>Anzac Park Kuranda Upgrade is complete.</p> <p>Kuranda Village Streetscape works to commence shortly. Procurement is currently underway with contracts to be awarded in October 2024. This project has received an additional \$200,000 in funding from the Queensland Government.</p>
Bill Newburn Park (Irvinebank) Upgrade				Picnic shelter has been installed & the hexagonal seat relocated. Swing set installed. Project complete.
Anzac Park (Mareeba) Revitalisation				Project complete.
Toilet Facilities Improvements - Various Locations				Centenary Park Mareeba, Mareeba Cemetery and Mt Molloy Vains Parks toilet refurbishment has been completed. 2024-25 projects will be considered by the new Council.
Footpaths Improvements - Various Locations				<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>Footpaths are planned to be renewed for Bicentennial Lakes Southern Section.</p> <p>Kuranda Village Streetscape including footpaths refurbishment works on Coondoo Street and around Centenary Park Kuranda are in procurement with contracts to be awarded in October 2024.</p> <p>Lloyd Street and Atherton Street footpaths renewals are complete.</p>
Park Entrance Signage Improvements - Various Locations				Ten 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

9.9 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - SEPTEMBER 2024

Date Prepared: 4 October 2024
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 2024.

RECOMMENDATION

That Council receives the Infrastructure Services, Technical Services Operations Report for September 2024.

BACKGROUND

Technical Services

Design, quality, and investigations:

Investigation activities undertaken in September included:

Activity	Current Requests	Closed Requests
Road Infrastructure Review	80	14
Drainage Investigations	34	4
NHVR Permit Applications	0	13
Traffic Count Surveys	0	15
Parks Investigations	6	0
Miscellaneous e.g. Planning; Local Laws	27	24
Before You Dig Requests	0	72

Soil Laboratory:

Council's Soil Laboratory provides NATA-accredited soil and material testing for internal and external services. The laboratory delivered 186 tests in September, with the majority being for external clients.

GIS

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.

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	On-maintenance
Kuranda	Christensen Road, Myola Heights – Stage 2a	On-maintenance
Mareeba	Emerald End Road and Country Road – Stage 3	On-maintenance
Mareeba	Emerald End Road and Country Road – Stage 4	Under construction
Mareeba	The Rise – Catherine Atherton Drive – Stage 3	On-maintenance
Mareeba	Amaroo Stage 13a	On-maintenance
Mareeba	Amaroo Stage 12 – Drainage Infrastructure	On-maintenance
Mareeba	Prestige Gardens Stage 1-4	On-maintenance
Mareeba	Prestige Gardens Stage 5-6	Under construction
Mareeba	Kenneally Estate Stage 4	On-maintenance
Mareeba	Mareeba Roadhouse and Accommodation Park, Williams Close	On-maintenance - Monitoring
Mareeba	7 Kenneally Road	Under construction
Mareeba	9 Kenneally Road	Under construction
Kuranda	Jum Rum Rainforest Estate Stage 2, Fallon Road	Under construction

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	Far North Queensland Low Pressure Trough, that occurred 1 – 7 February 2022. The Gamboola Crossing bridge remains the only current project, with approximately 95% of the structure now completed. Work remains on track for completion prior to end of October 2024.
2022 Betterment	The Gully Betterment contract is nearing completion, with completion of works targeted for October 2024.
2023 DRFA	Northern and Central Queensland Monsoon and Flooding Event, 20 December 2022 – 30 April 2023. Contracts for the reconstruction of essential infrastructure were awarded April 2024, and all works have commenced. Contracts remain on track for completion prior to end of year.
2023 Cyclone	Declared event December 2023 - 'Tropical Cyclone Jasper, associated rainfall and flooding, 13 – 28 December 2023' with damage assessments continuing. Barron Falls Road landslide is nearing completion.

Program	Status
	<p>Works to replace Bushy Creek Bridge, Mt Lewis Road, Julatten have commenced with works to construct the piles underway. Completion prior to end of year remains on track. Now the side track has been constructed, inspections and preliminary works to clear Mt Lewis Road beyond Bushy Creek can commence, however due to extent of damage works have halted until initial assessments have been completed.</p> <p>Jarawee Road, Kuranda, Landslip: Onsite works have commenced.</p> <p>Emerald End Road and Carman Road crossings: preconstruction works well progressed (procurement of culverts etc), with works onsite expected in October.</p>
Environmental Cleanup	Works to clear flood debris from the waterways has commenced and are progressing quickly.

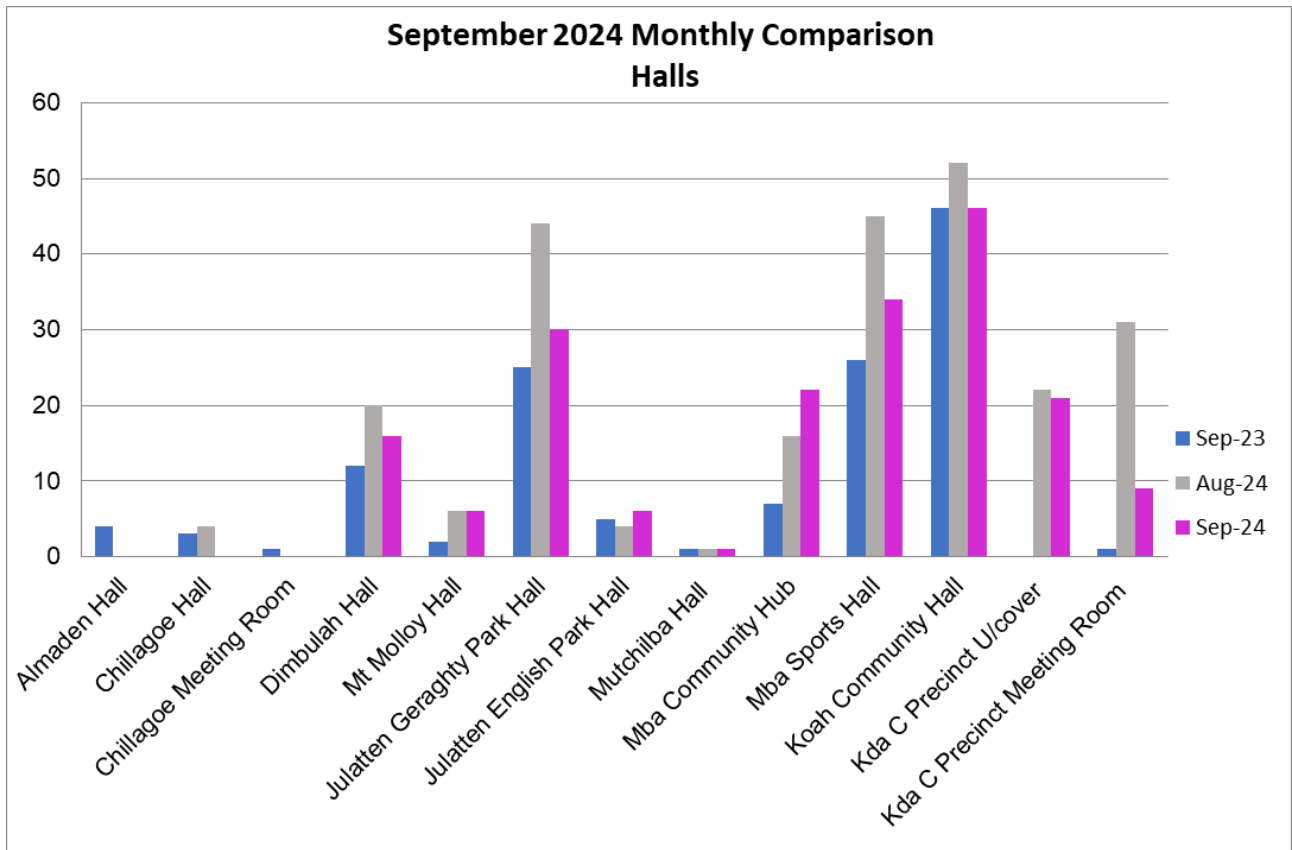
Facilities

Facilities:

Facilities	Activity
Kuranda Community Precinct - Walkway	Repairs to the walkway are still under way due to finding rust and other problems. Roofing will be completed by the first week of October. Contractor to install gutters and downpipes. Project will be completed by the end of the month.
Solar Systems	11 existing solar systems received upgrades to their mobile network, from 3G to 5G, and all sites were migrated to a similar monitoring platform.
Council buildings	<p>Airconditioning: Maintenance and cleaning of air conditioning units in Council Buildings have been completed.</p> <p>Septic Tanks: all Council septic tanks around the Shire have been inspected with reports anticipated on condition/maintenance requirements.</p>

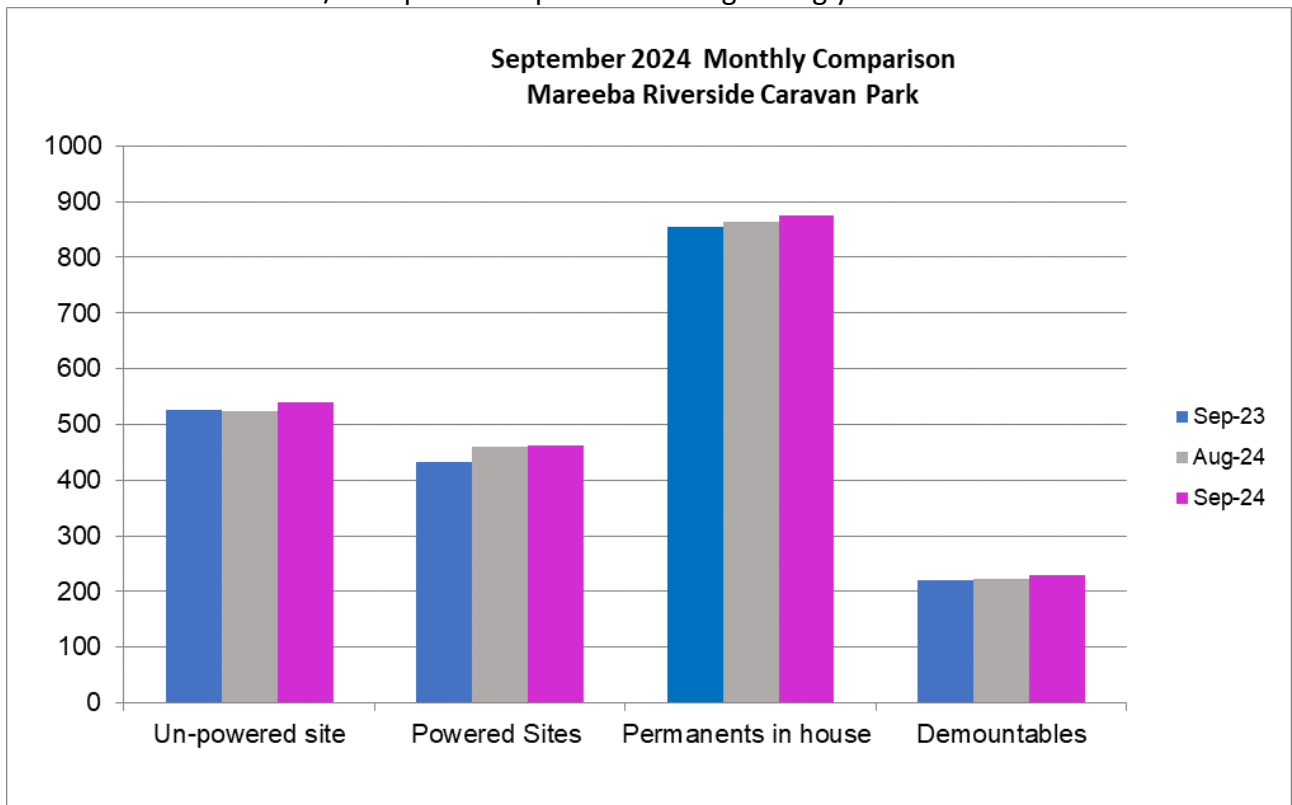
Community Halls:

Maintaining safe and efficient access to Council’s Community Halls is recognised as an important aspect for the community's ongoing wellbeing. Generally, utilisation for the month improved against previous month and year numbers.

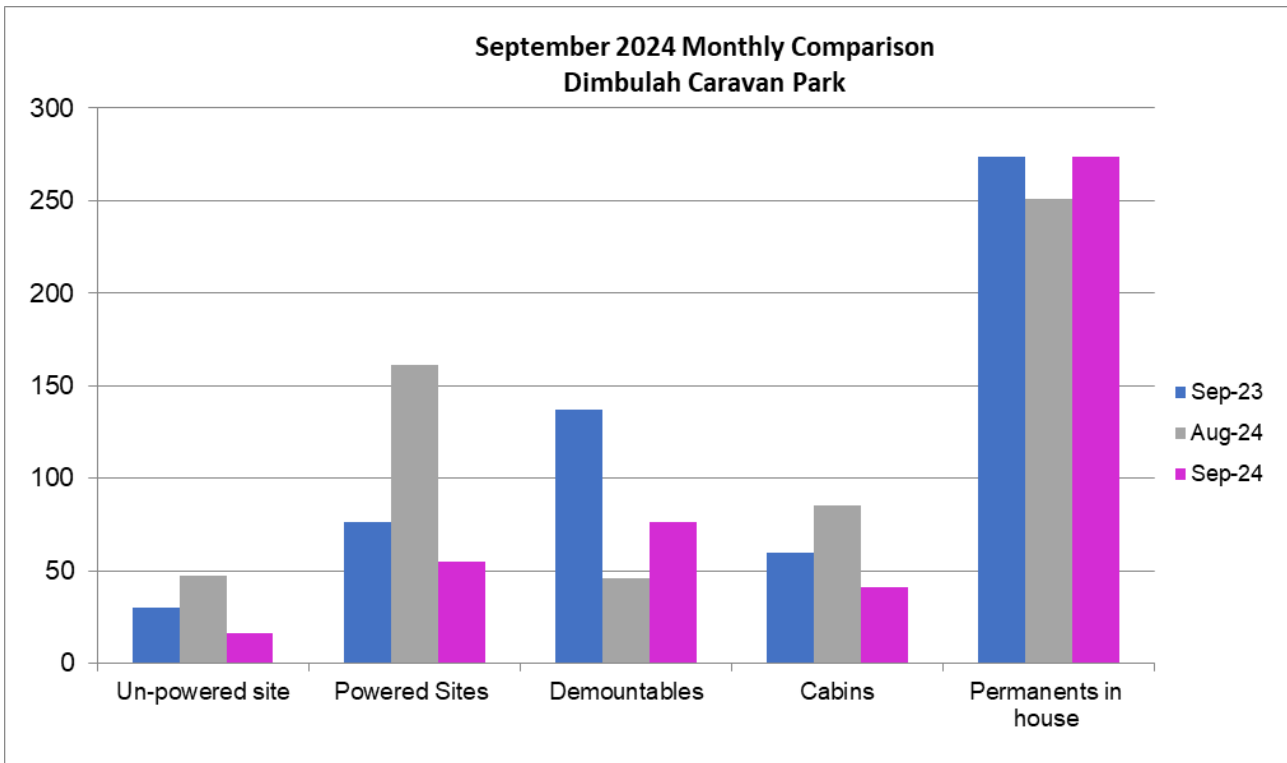


Caravan Parks:

Mareeba Riverside Caravan Park - Harvest appears to have commenced earlier this year, with worker accommodation / backpacker requests featuring strongly.

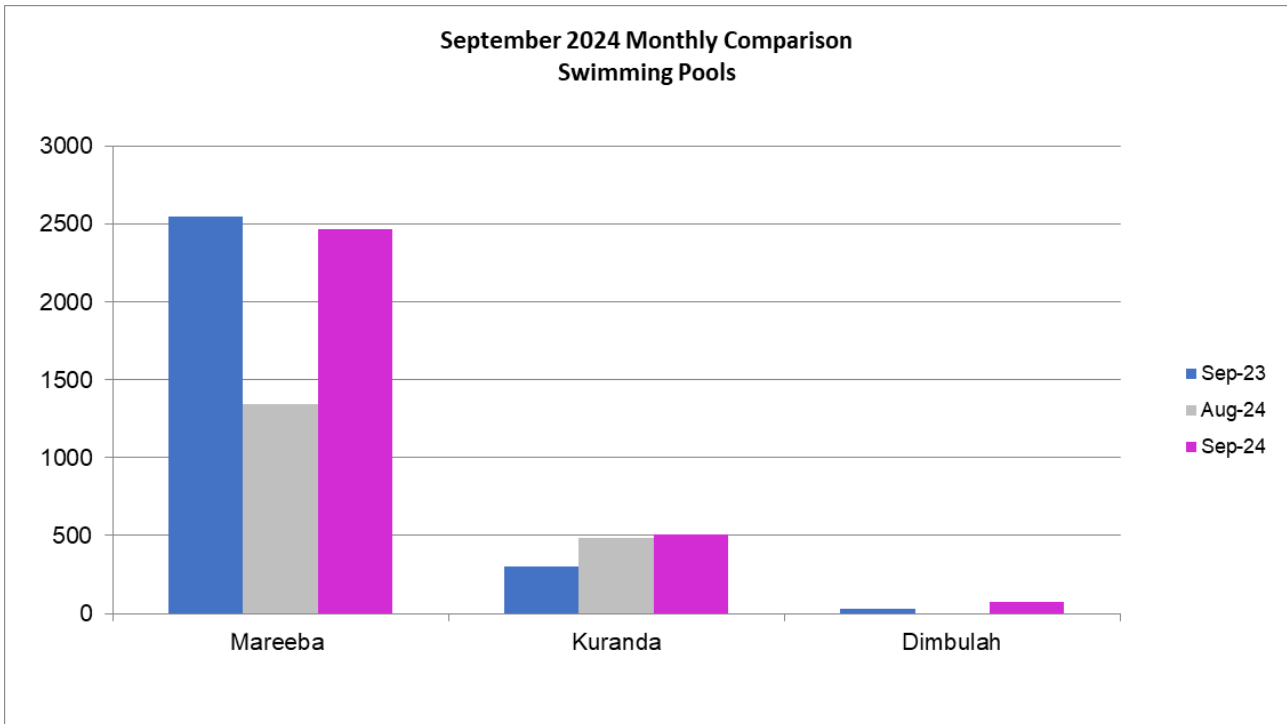


Dimbulah Caravan Park user numbers (total) have generally remained stable against previous months numbers.



Aquatic Centres

Attendance at Mareeba Facility has strongly improved against previous month and year figures. Kuranda and Dimbulah remain stable.

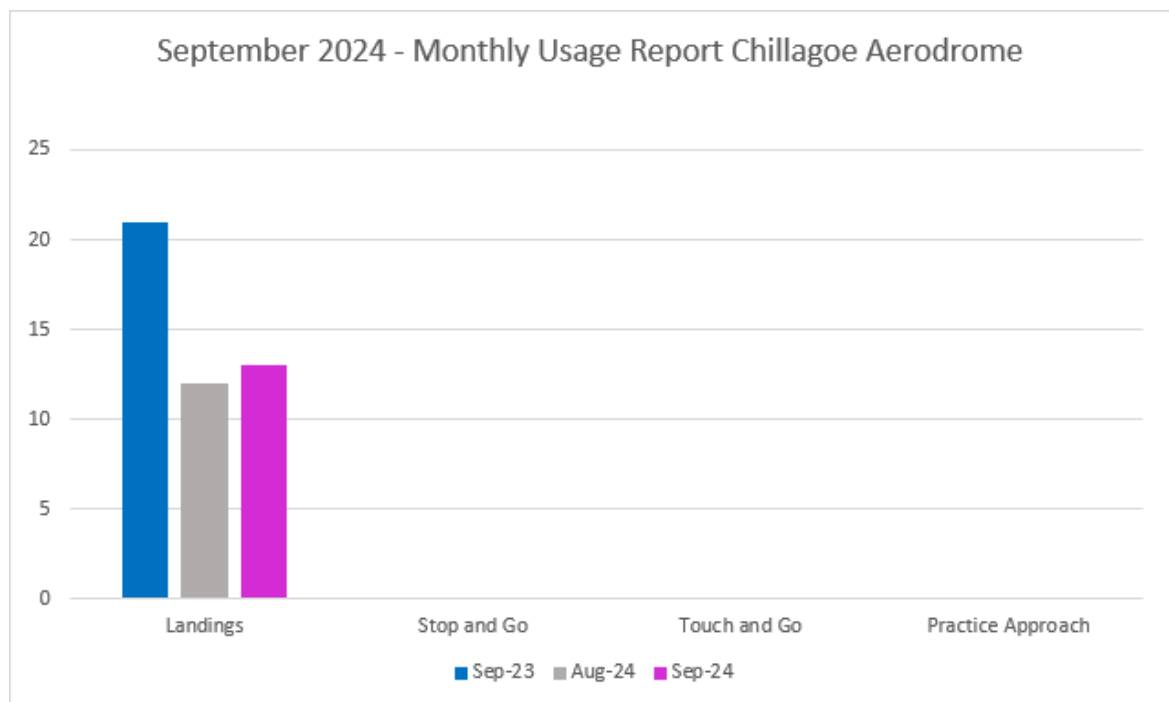
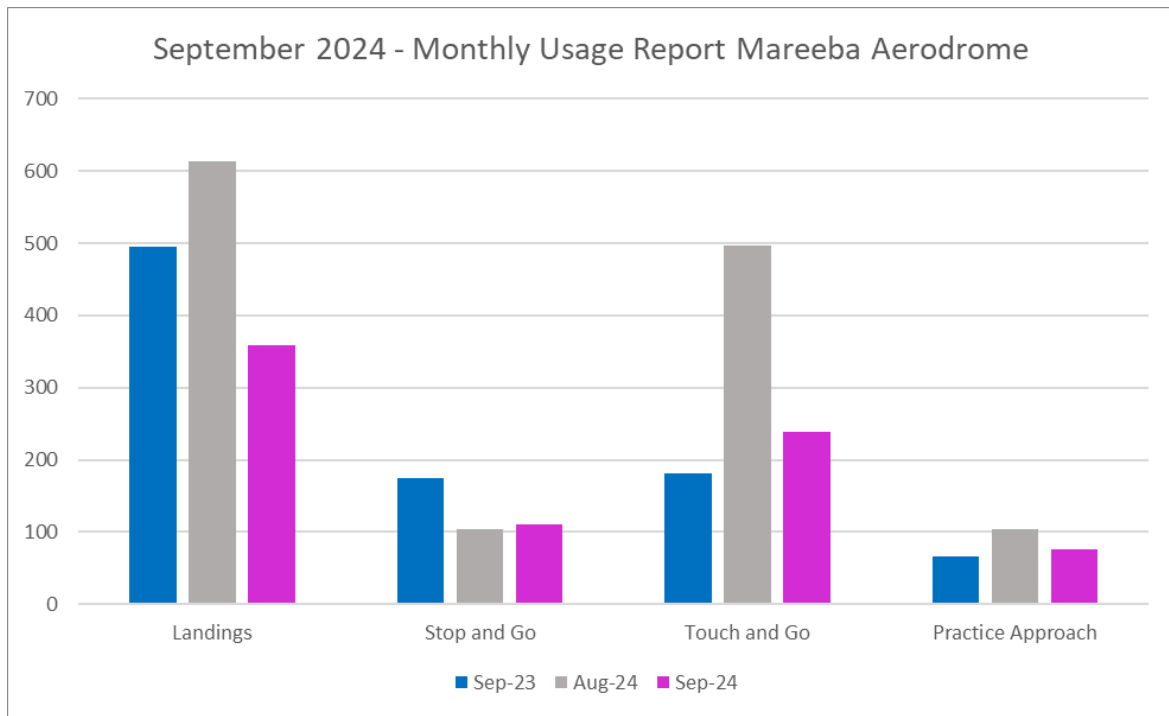


Aerodromes:

During the month of September, various activities were conducted at the aerodromes.

Location	Activity
Mareeba Aerodrome	Updating the Airside Access application process continues. Preparation for re-line marking the Runway and Taxiways has commenced with work planned for October.

The data recorded below is current for the month of August, 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.



LINK TO CORPORATE PLAN

Financial Sustainability and Governance: A financially sustainable council that applies strategic decision making and good governance to deliver cost-effective services.

Community and Culture: An informed, engaged and resilient community which supports and encourages effective partnerships to deliver better outcomes.

Transport and Infrastructure: The provision of quality infrastructure to service our growing community using sound asset management principles.

Economy and Growth: Promote and encourage investment in local industry to build a resilient economy.

IMPLEMENTATION/COMMUNICATION

Nil

9.10 INFRASTRUCTURE SERVICES, WATER AND WASTE OPERATIONS REPORT - SEPTEMBER 2024

Date Prepared: 16 September 2024

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 2024.

RECOMMENDATION

That Council receives the Infrastructure Services, Water and Waste Operations Report for September 2024.

BACKGROUND

Water and Wastewater Treatment:

All treatment plants are generally performing satisfactorily. Interim measures to address damage to Kuranda Water Treatment Plant intake infrastructure which resulted from Cyclone Jasper and ongoing rain is continuing.

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)	9026	877	267	533	138
Number of Connections	4141	1053	127	246	111
Average daily water consumption per connection (L)	2180	833	2103	2168	1241

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

Wastewater Treatment	Mareeba	Kuranda
Wastewater Plant average daily treatment (kL)	2179	171
Number of Connections	3519	356
Average daily inflow per connection (L)	619	456

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 late 2024.

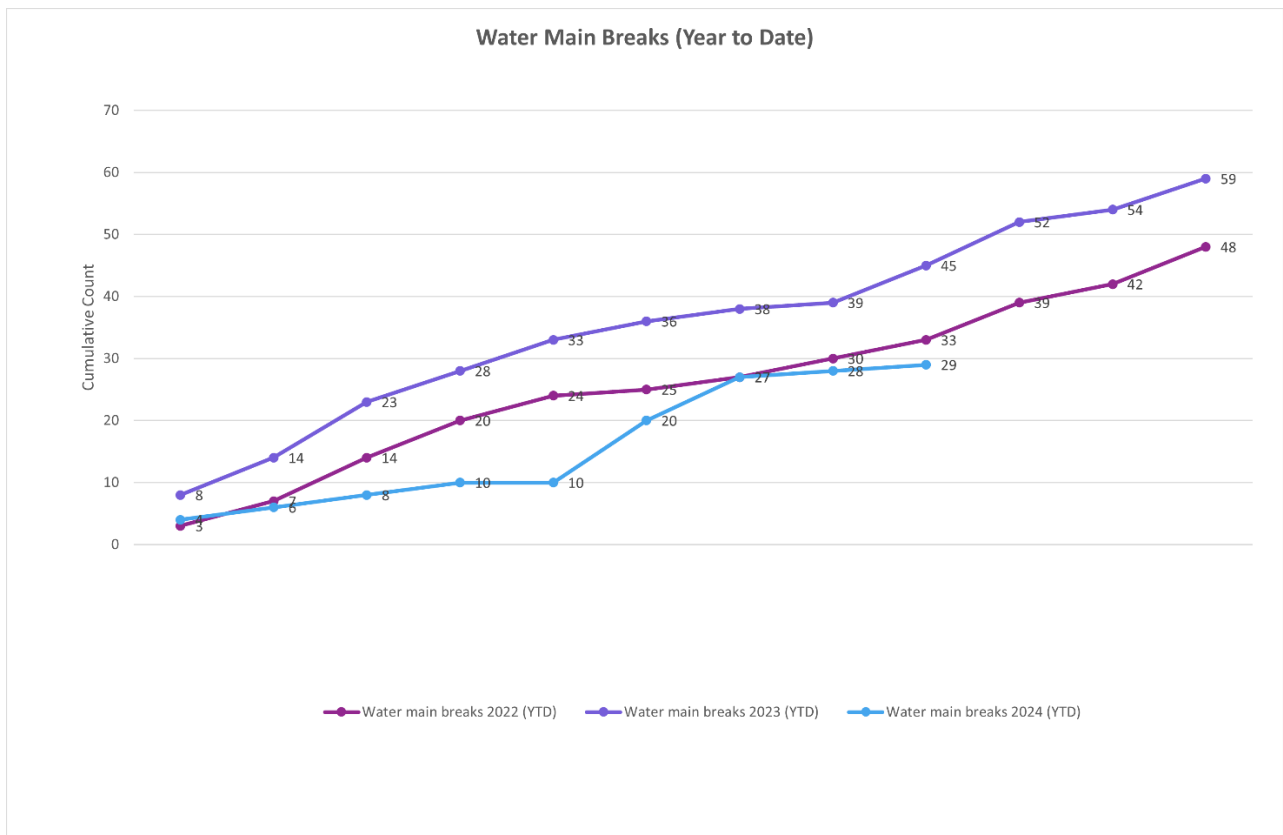
While these works occur at the Mareeba Water Treatment Plant there may be disruptions from time-to-time. As a result, the community has been asked to conserve water and reduce consumption during the upgrades. It may be necessary to introduce water restrictions to enable certainty of water supply to residents.

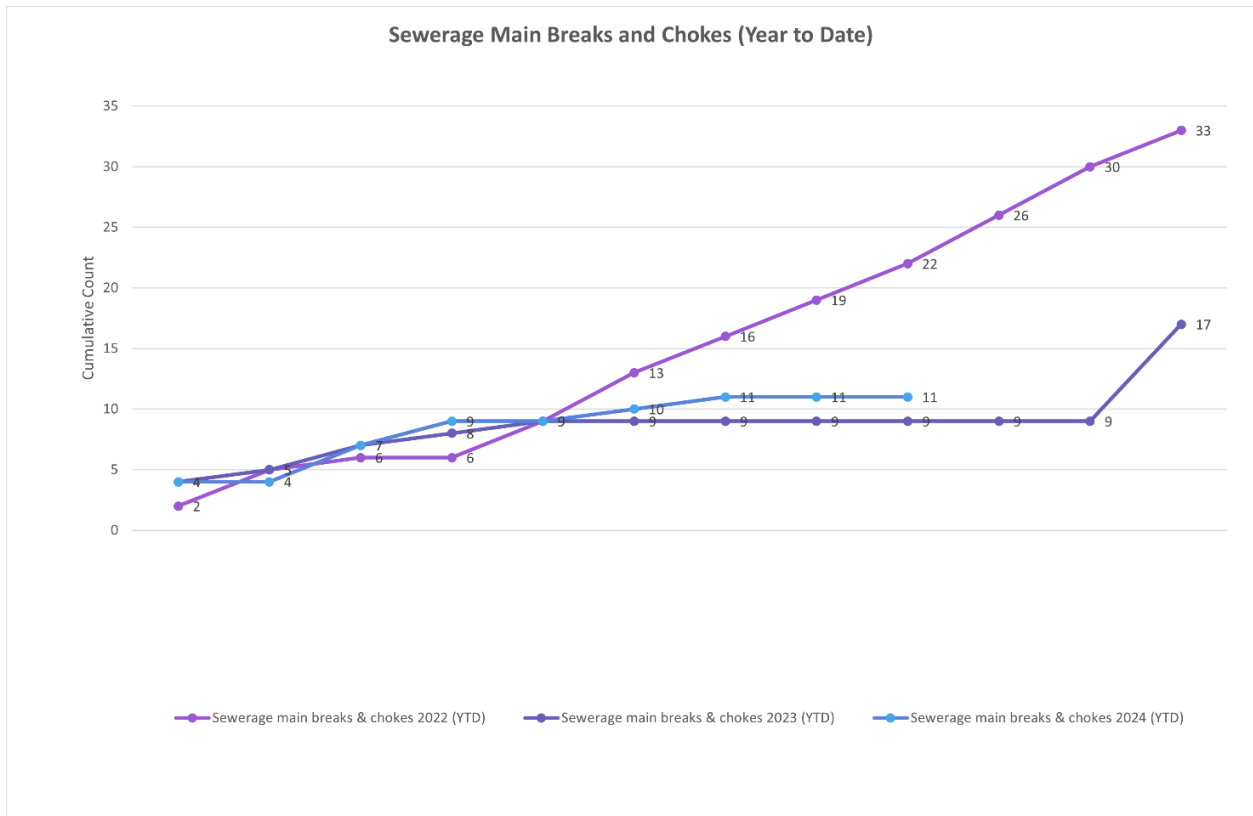
Water and Wastewater Reticulation:

Council's water reticulation crew attended to one (1) 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.

The temporary solution to address the blockage of the Lloyd Street sewer in Mareeba continues to operate to mitigate wastewater discharges to the Barron River which ceased in February. Planning for a long-term solution is underway. The various regulators are satisfied with Council's response to the incident which is now closed out and they have advised that no regulatory action against Council will be taken.

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

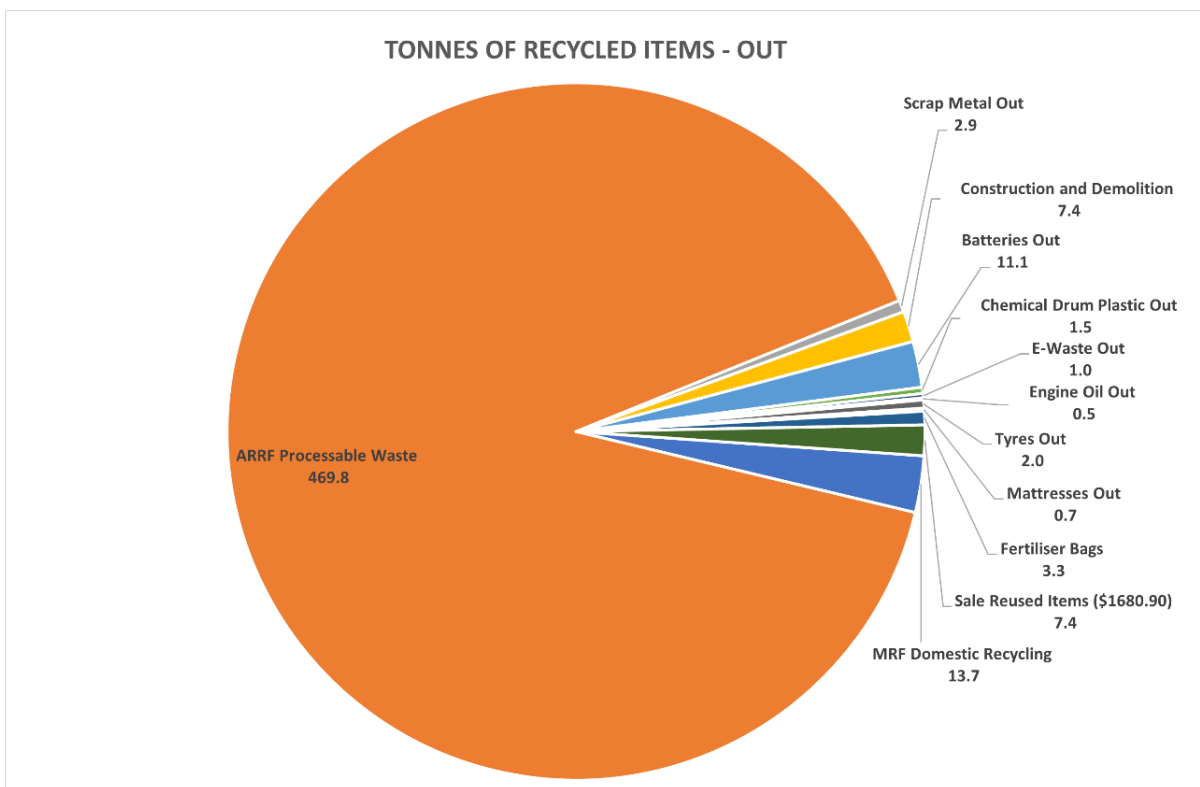




Waste Operations:

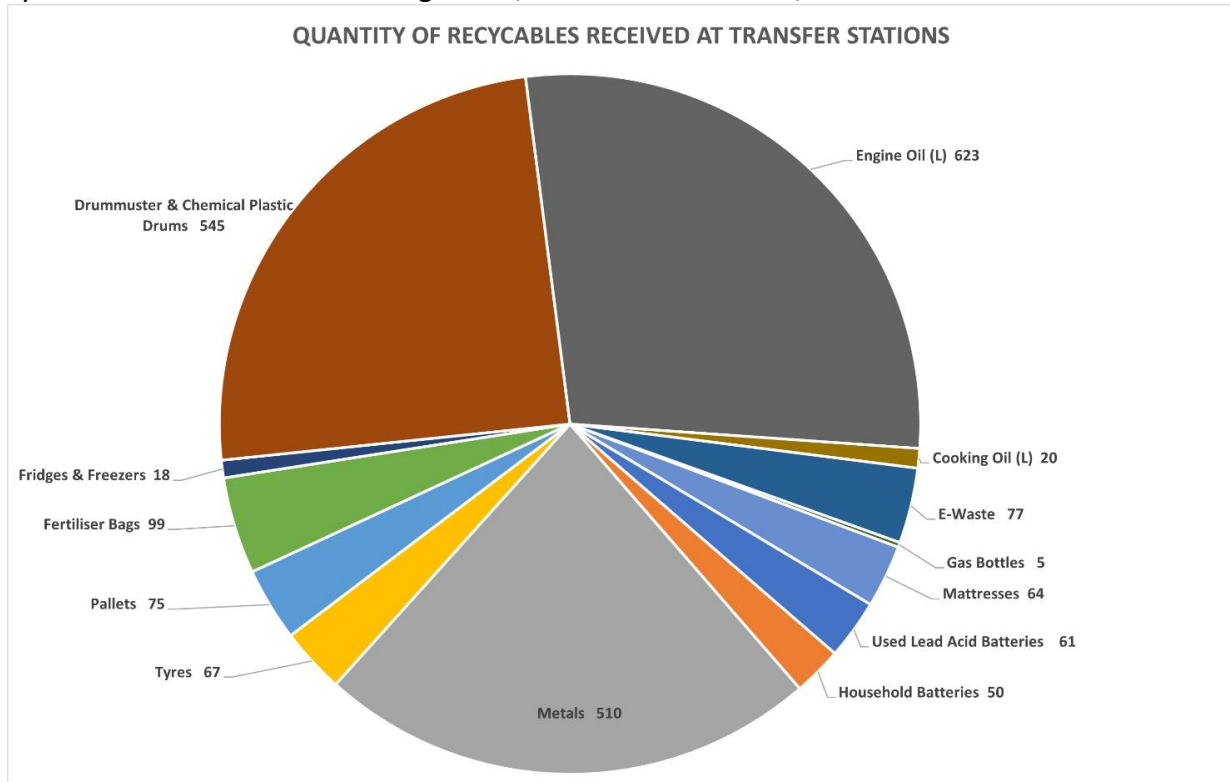
Waste material collected in Kerbside trucks is transported to the Advanced Resource Recovery Facility (ARRF) in Cairns for processing. Residual waste and waste collected at Transfer Stations is transported to Springmount Waste Facility, and recyclable material is transported to the Material Recovery Facility (MRF) in Cairns for processing.

During September, 470 tonnes of waste was processed through the ARRF, 143 tonnes of waste was sent to Springmount Waste Facility and 13.7 tonnes of domestic items were recycled at the MRF.



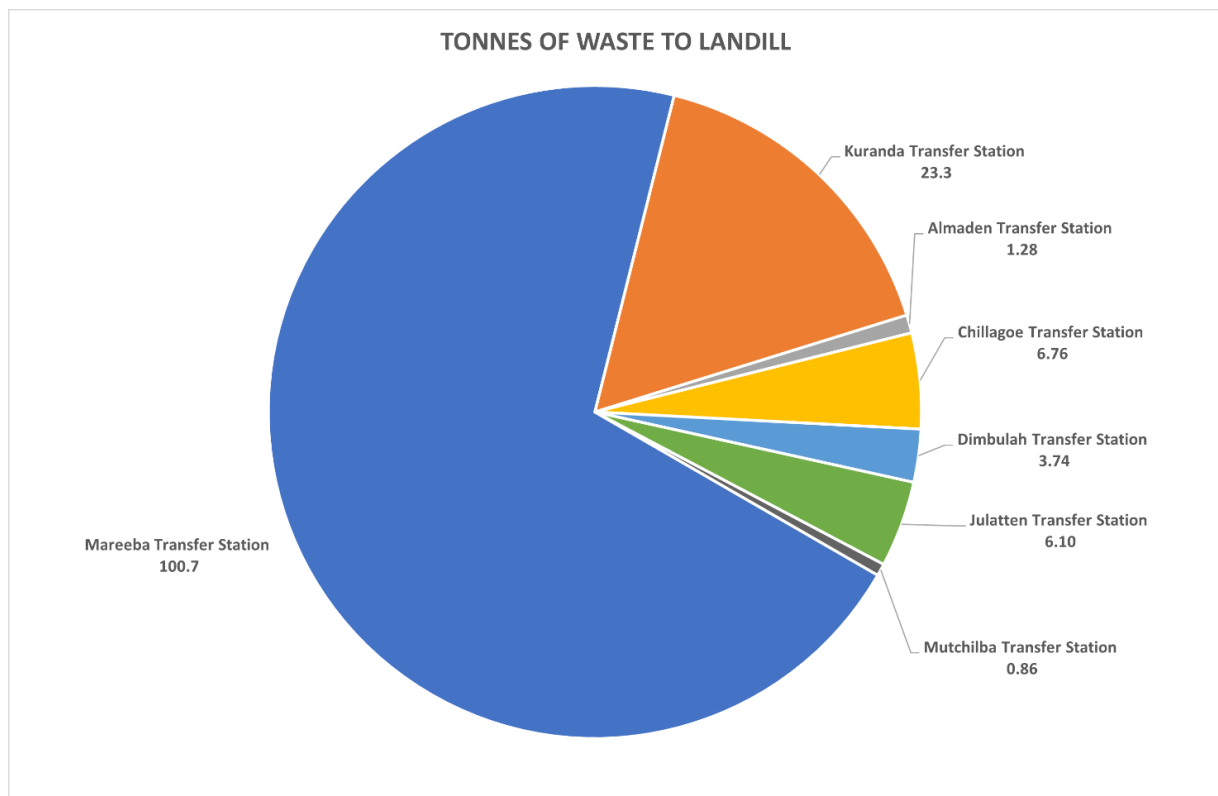
Recycling

Residents continue to recycle at the Transfer Stations. During September the highest count of recyclable received were 623 L Engine Oil, 545 Chemical drums, and 510 Metal items.



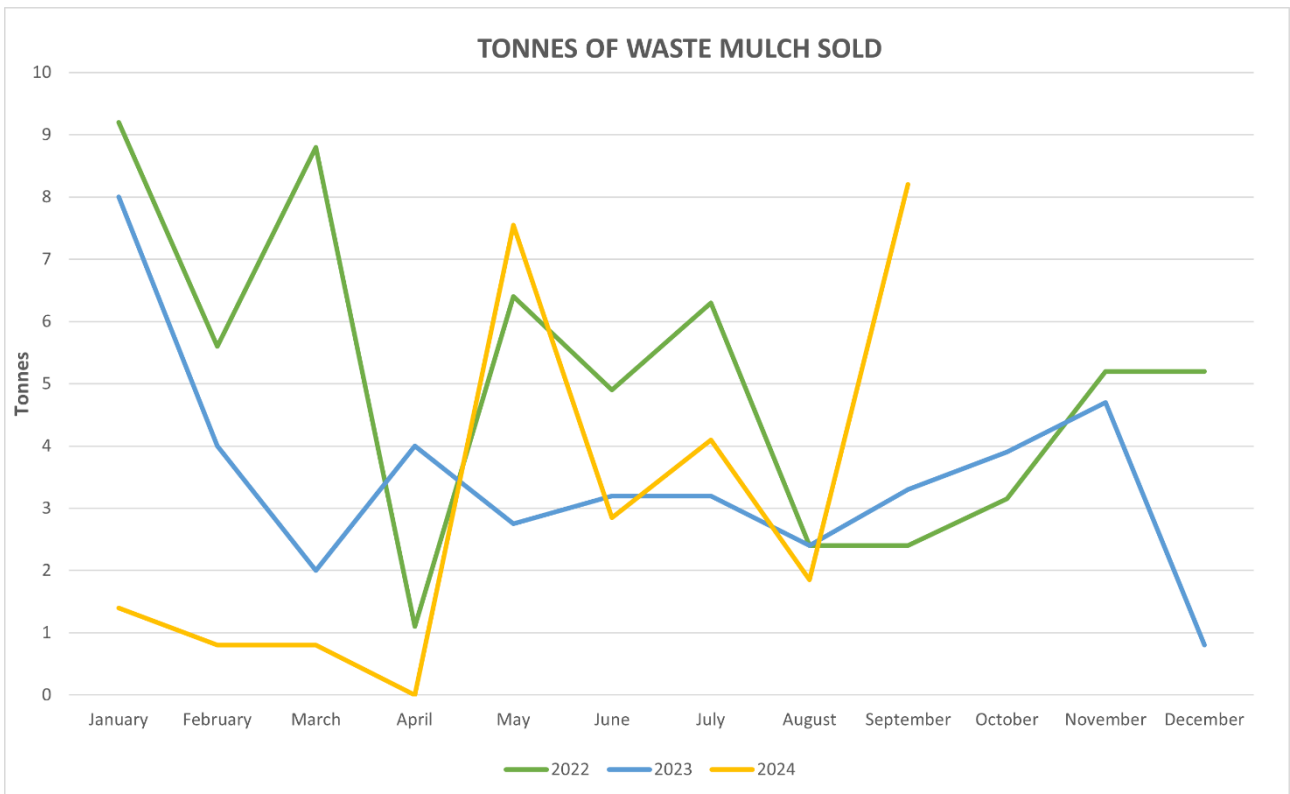
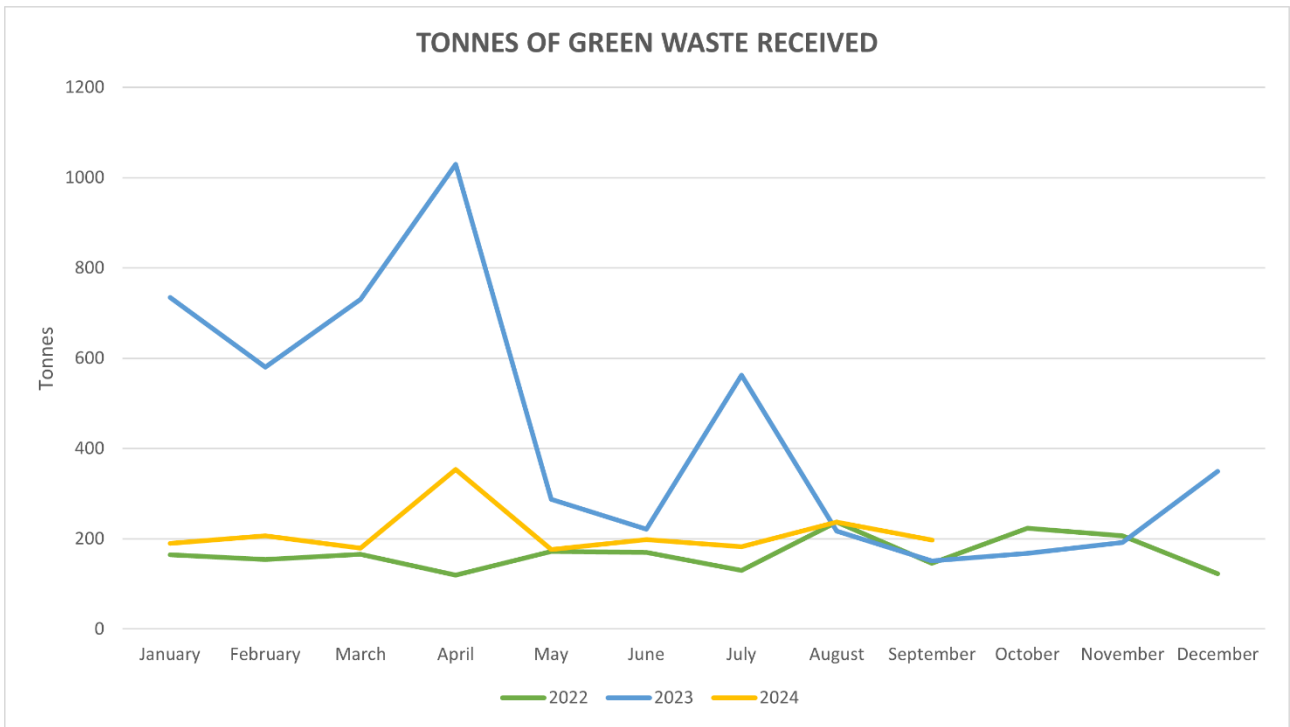
Transfer Station Waste

Transfer Station dry waste is transported off site to the Springmount Waste Facility. During September a total of 142.72 tonnes of waste was sent to landfill. Mareeba Transfer Station contributed to 100.7 tonnes to landfill, and Kuranda 23.3 tonnes.



Green Waste

During September, Council received a total of 197.31 tonnes of green waste. Kuranda recorded 1.60 tonnes of green waste from locations registered as being potentially contaminated with Electric Ants. 8.20 tonnes of mulch was 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 and Governance: A financially sustainable council that applies strategic decision making and good governance to deliver cost-effective services.

Transport and Infrastructure: The provision of quality infrastructure to service our growing community using sound asset management principles.

Economy and Growth: Promote and encourage investment in local industry to build a resilient economy.

IMPLEMENTATION/COMMUNICATION

Nil

9.11 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - SEPTEMBER 2024

Date Prepared: 8 October 2024
Author: Manager Works
Attachments: Nil

EXECUTIVE SUMMARY

The purpose of this report is to summarise Council's Transport Infrastructure, Parks and Open Spaces, TMR Routine Maintenance Performance Contract (RMPC) and Land Protection operational activities undertaken by Infrastructure Services during the month of September 2024.

RECOMMENDATION

That Council receives the Infrastructure Services, Works Progress Report for the month of September 2024.

BACKGROUND

A summary of works completed in September 2024 is provided below.

Transport Infrastructure

General Maintenance

The major maintenance activities carried out in September are listed below;

Activity	Location
Unsealed Road Grading	McBean Road, Fassio Road, Tyrconnell Road, Ivicovic Road, Gamboola Road, Cetinich Road, Boonmoo Road
Tree Trimming/Vegetation Management	Euluma Creek Road, Wrights Lookout Road, Warril Drive, Pinnacle Road, Barnwell Road, Brown Road, Highland Drive, Kuranda Heights Road, Euluma Creek Road, Clacherty Road, Queen Street, Hilltop Close
Bitumen Patching	Kuranda, Koah, Mareeba, Speewah, Glen Russell, Julatten, Biboohra
Drainage Maintenance	Weir Road, Fichera Road, Chewko Road, Morrish Road, Masons Road, Kimalo Road, Oak Forest Road, Tinaroo Creek Road, Austin Road, George Fabris Road, Mt Haren Road, Bullaburrah Creek Road
Unsealed Road Maintenance	Tyrconnell Road, Fassio Road, McBean Road, Little Road, Brown Road, Andy Sheppard Drive, Ivicovic Road, Rains Road, Pinnacle Road, Bolwarra Road, Centis Road, Kerlin Road
Slashing	Julatten, Kuranda

Customer Requests

During September, the Works Group received 117 Customer Requests (CRs) with 155 resolved (resolved requests include those received prior to September 2024). The table below shows the number of requests lodged per Works Section for the month.

Month	Roads	Parks and Gardens	Pest Management
September	79	33	5

At the time of reporting, the Works Group had 44 open requests.

TMR Routine Maintenance Performance Contract (RMPC)

32A - Kennedy Highway (Cairns - Mareeba)

- Rest Area Servicing - Edmund Kennedy Bridge

34A - Mulligan Highway (Mareeba - Mt Molloy)

- Supply and Install Flexi Guideposts as required along Mitchell Flats

34B - Mulligan Highway (Mt Molloy - Lakeland)

- Cut and poison suckers/regrowth in cuttings on both sides of road to shire boundary
- Roadside Litter Collection - Rifle Creek and Mt Carbine Truck Stop
- Rest Area Servicing at Rifle Creek
- Tree trimming
- Erect Smoke Hazard signage either side of the Mt Carbine Hotel
- Pothole patching
- Yearly pipe inspections and record co-ordinates

653 - Mossman-Mt Molloy Road

- Repair two damaged CAM signs
- Yearly pipe inspections and record co-ordinates
- Roadside litter collection - Hunter Creek, Environ Park and Lyons Park
- Rest Area Servicing at Hunter Creek
- Callout to remove fallen tree

664 - Mareeba-Dimbulah Road

- Pothole patching
- Yearly pipe inspections and record co-ordinates

89B - Burke Developmental Road (BDR)

- Rural slashing Almaden to Chillagoe
- Eureka Creek Rest Area servicing and ground maintenance
- Erect dust hole signage
- Construct detour around damaged Longreach Grid
- Medium Formation Grade - Lynd River to Boundary
- Medium Formation Grade - Trimble’s Crossing to the Lynd Causeway
- Yearly pipe inspections Dimbulah to Boundary and record co-ordinates

Parks and Open Spaces

Description	Comment
Mowing	Fortnightly mowing of irrigated areas. General mowing has slowed down considerably and is done on an as needs basis.
Playing fields mowing	Davies, Borzi and Firth Parks are now on a weekly program.
General maintenance	Tree trimming for mower/tractor clearance and street sweeper.
Playgrounds	No issues with playgrounds during September.
Burials	Mareeba – one (1) ashes in columbarium wall, one (1) free standing mausoleum.
LOA	LOA prisoners at the Mareeba Cemetery and Mareeba Pioneer Cemetery.
Tree maintenance	Tree removal in Mareeba, Chillagoe, Dimbulah and Kuranda
Fire management	Mareeba – three (3) days of hazard reduction burning on the rail corridor between Mareeba township and Mareeba Airport

Land Protection

Parthenium Weed: Inspections carried out on 13 sites. All landholders are complying with their biosecurity obligation.

Emu Creek and Petford - Bellyache Bush, Siam Weed and Rubbervine: Work has continued on multi weed cleanup on Emu Creek, survey hand removal and cut stump of various weeds along the river system.

Amazon Frogbit: Work has continued Chinaman Creek Mareeba treating Amazon frogbit, foliar spraying of the creek banks to allow access for hand removal of any frogbit detected. Herbicide treatment using Clipper in Mareeba's Northern Lake along Basalt gully with time laps cameras installed in preparation for Mareeba Shire Frogbit field day, funding for enhancing Local Government Biosecurity capabilities was used for the field day on 3 October 2024.

Feral Pigs: Three (3) pigs trapped and destroyed at Springs Road Mareeba, 1080 baiting carried out for pigs/wild dogs on one (1) grazing property on the Mitchell River totalling 302,000Ha.

Wild Dogs: 1080 baiting carried out on one (1) grazing property in the Mutchilba area totalling 1869Ha.

Enhancing Local Government Biosecurity Capabilities Meeting: The third of five (5) proposed meetings was held by Kowanyama Shire Council which was attended by Ranger Groups and Land Protection Officers from Mareeba, Cook, Kowanyama, Pormpuraaw and Carpentaria Shires. Funding has been made available from the Queensland Government to help enhance Local Government Biosecurity capabilities. Knowledge sharing and stronger relationships between shires will help with future work in the region.

Thunbergia: Survey and treatment (foliar spray and cut stump) of *Thunbergia* in the Julatten area to contain and help reduce the threat of spread into Bushy Creek.



Thunbergia

FINANCIAL AND RESOURCE IMPLICATIONS

Operating

All operational works are funded by the section specific 2024/25 maintenance budgets.

LINK TO CORPORATE PLAN

Financial Sustainability and Governance: A financially sustainable council that applies strategic decision making and good governance to deliver cost-effective services.

Community and Culture: An informed, engaged and resilient community which supports and encourages effective partnerships to deliver better outcomes.

Transport and Infrastructure: The provision of quality infrastructure to service our growing community using sound asset management principles.

Liveability and Environment: Improve the liveability of the Shire by enhancing amenity and valuing natural assets.

Economy and Growth: Promote and encourage investment in local industry to build a resilient economy.

IMPLEMENTATION/COMMUNICATION

Nil