

9.2 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - FEBRUARY 2025

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Attachments: 1. Capital Works Summary - February 2025 [↓](#)
2. Capital Works Highlights - February 2025 [↓](#)

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 February 2025.

RECOMMENDATION

It is recommended that Council:

1. receives the Infrastructure Services Capital Works Monthly Report for the month of February January 2025,
2. allocates an additional \$80,000 from the Aerodromes depreciation reserve for a new project - Mareeba Airport Floodgate and Drainage Improvements, and
3. notes that a new project will be created for the Arara Street Kuranda Footpath Connection, to be funded from existing funds in Council's Footpath Upgrade Program and the Australian Government Active Transport Program.

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.

In addition to the monthly report attached, Council is requested to consider allocating a further \$80,000 from the Aerodromes depreciation reserve for the Mareeba Airport Floodgate and Drainage Improvements Project, to remove and replace spill gates to aluminium and redirect the water flow towards Atherton Creek instead of the spillway on Ray Road.

Council is requested to note that the Footpath Upgrade Program will fund Council's co-contribution towards the Arara Street Kuranda Footpath Connection, which has received an offer of funding from the Australian Government Active Transport Program. A new project will be created for the Arara Street Kuranda Footpath Connect, and there is no financial impact on the 2024-25 Capital Works Program, as funds were allocated by Council for the purpose of seeking grant funding opportunities.

RISK IMPLICATIONS**Financial**

The capital works program is tracking within budget. If Council does not wish to allocate further funding for the Mareeba Airport Floodgate and Drainage Improvements Project, then it is proposed that this project be deferred and considered for funding in the 2025-2026 capital works program.

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 2024/25 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 Summary Report - February 2025



Project Code	Project Description	Project Comment	Project Stage
Program: 01 - Rural and Urban Roads Reseal Program (Renewal)			
CP0003731	24/25 Bitumen & Asphalt Reseal Program	All MSC resealing sites have been marked for the contractor to undertake the seal design process. Resealing currently programmed for March/April 2025 weather permitting	Procurement
CP00835	DRFA Gully Betterment	Complete (Final report to be provided).	Completed
Program: 02 - Gravel Resheet			
CP0001022	23/24 Gravel Resheet Program	Project completed December 2024. When commitments are cleared balance of budget to be rolled over to 24/25 Gravel Resheet Program	Close Out
CP0003732	24/25 Gravel Resheet Program	No resheeting programmed until after 2025 wet season	Construction
Program: 03 - Urban Streets			
CP0001023	Recovery Way (WTS) Rehab Ch 0.176-0.272	Works will be undertaken after wet season & Herb/Constance intersection project	Construction
CP0002042	MBA James St Mill & Fill	Works were completed December 2024	Close Out
CP0002069	MBA Chewko Rd Rehab/Widen & Seal	Driveway accesses complete. Drains on Borzi Park side to depth. Shoulder reinstatement approx 80% complete. Project on track for completion mid April 2025	Construction
CP00795	TIDS 23-27 Herberton/Constance Inter	Conduit installation completed 03/03/24. Boxing out existing pavement on the southern side of Herberton Street & roundabout installation currently underway. This will be followed by pavement works on the north western section of the intersection. The final pavement works on the north eastern side are programmed for the Easter school holidays as the south bound lane of Constance Street will be closed to all traffic. Practical completion of the works are expected to be mid-May.	Construction
CP00797	TIDS 22/23 24/25 Rankin/Walsh St R'bout	Design nearing completion, anticipate Tender Ready documentation to be available by end of March 2025.	Design
Program: 04 - Rural Roads			
CP0002040	KDA KIA08 Barron Falls/Masons Rd/L-out	Preliminary survey works have been undertaken, design to be scheduled.	Planning
CP0002041	KDA KIA09 Barron Falls Rd Thongon-Mason	Preliminary survey works have been undertaken, design to be scheduled.	Planning
CP0002048	KDA Kuranda Heights Rd Intersection	Survey undertaken, design to be scheduled.	Planning
CP0002050	MBA McIver Rd Rehab & Widen	Designs to be scheduled	Planning
CP0002060	KDA Oak Forest Rd Rehab & Widen	Survey undertaken, design to be scheduled.	Planning
CP0002066	DIM Leafgold Weir Rd Widen Curves	Design to be finalised March 2025	Design
CP0003753	MBA Byrnes St Safety Upgrades	Works complete various locations; project being closed out.	Construction
CP00801	TIDS Ootann Rd Section 1&2 Widen & Seal	Gravel Supply & Deliver & Bitumen Seal tenders awarded. Works to recommence in April weather permitting. Letter to federal government sent requesting additional funding to gravel & seal section 2	Construction
Program: 05 - Bridges			

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Project Code	Project Description	Project Comment	Project Stage
CP0001558	MBA Tinaroo Creek Rd Ada Creek Causeway	Drone survey completed, External design to be completed June 2025.	Planning
CP0001564	KDA Oak Forest Rd, Barron River Bridge	Contract awarded to Neater Constructions. Construction expected to commence after the wet season 2025.	Construction
CP00839	Bullaburrah Ck Rd C'way Relieving Slab	These works will be done by MSC staff after the wet season. A side track will need to be installed across Bullaburra Ck so flows will need to be minimal.	Not Commenced
CP00841	Bolton Rd Inspect/Design/Repl Girders	Joint inspection of the site by RoadTek & MSC to be undertaken when RoadTek has time in their current bridge repair program & emergent works. Likely April 2025	Procurement
CP00843	Barron River Cwy Henry H Dr Repl Slabs	Scope of works will need to be assessed to ensure compliance with DAF regulations. Possible 3rd party works.	Not Commenced
Program: 06 - Drainage			
CP0001598	24/25 Renew Minor Culverts & Drainage	Temporary RCP repair works completed at Park Avenue. Full repairs will be undertaken after 2025 wet season.	Construction
CP0003689	MBA CBD Drainage Upgrade Stage 1	Project planning will be undertaken in conjunction with the Mareeba CBD Blueprint Project	On Hold
CP0003690	MBA Ray Rd Culvert Upgrade	Ray Road Drainage Study to inform project design/outcome. Draft Drainage study to be delivered March 2025	Planning
CP0003695	Irvinebank Jessie St/Rubina Tce Upgrade	Investigations will be scheduled in 2025	Not Commenced
CP0003830	Hastie Road - Stormwater	Project completed December 2024	Close Out
CP00844	MBA Amaroo Drainage Upgrades	Quotes will be called to undertake this work post wet season.	Construction
CP00938	Tilse Street Upgrade Drainage	Built infrastructure on-maintenance, financial completion to be completed April 2025.	Completed
Program: 07 - Traffic Facilities			
CP0000951	Anzac Ave LATM Upgrades	Defects notice issued. Rectification work to be commenced early March 2025.	Completed
Program: 08 - Parking			
CP00846	MBA Heritage Centre Carpark Connection	Design being adjusted following stakeholder feedback. Construction to commence late April 2025	Design
Program: 09 - Footpaths			
CP0001026	23/24 Footpath Renewal Program	Atherton Street and Lloyd Street footpath sections complete. Further sites for renewal are currently under assessment.	Construction
CP0001027	23/24 Footpath Upgrade Program	Funds apportioned to support a grant application for Kuranda Arara Street Footpath connection to the Library and community precinct	Planning
CP0001665	Mt Molloy Footpath & Furniture Refurb	Design to be scheduled	Planning
CP0001666	KDA Barron Falls Rd Replace Footpath	Preliminary survey works have been undertaken, design to be scheduled.	Design

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Project Code	Project Description	Project Comment	Project Stage
CP0001742	MBA WNP Constance-Lloyd St Footpath	Works have commenced. Subgrade & road base establishment have been completed with the retaining wall and lay back kerb installed. Works proposed to be completed mid-March.	Construction
Program: 10 - Parks and Gardens			
CP0001029	Kda Com Precinct Parks Upgrade	Planning & Development ongoing 2025	Planning
CP0001803	Julatten Geraghty Pk Refurb Playground	Community engagement planning underway	Planning
CP0001805	MBA Bicentennial Lakes Northern	Tender documents being finalised in preparation for procurement in March.	Design
CP0001843	KDA Hunter Park Fallon Rd Bollards	Project complete August 2024	Close Out
CP0001871	MBA Centenary Park Upgrade Fencing	Construction to commence late April.	Construction
CP0003670	MBA Amaroo Park Shade	Tender documents being prepared in preparation for procurement.	Planning
CP00809	MBA Bicentennial Lakes (Southern) D&C	All footbridges completed. Playground embankment rails programmed for installation late March 2025.	Construction
CP00860	KDA Anzac Park Landscaping	Scope of works, plaque format and tree names being confirmed prior to tree naming plaques being fabricated and installed.	Completed
CP00861	KDA Coondoo Street Refurb	Construction has commenced. Preliminary works have commenced Upper Coondoo St LED streetlighting upgrade. Coondoo St footpath pavement works have commenced around Centenary Park and being undertaken concurrent with Coondoo St garden beds soft landscaping upgrades and remedial fig tree maintenance. The Ergon offer for the Lower Coondoo St LED streetlighting upgrade has been accepted with Ergon advising that the works	Construction
Program: 11 - Water			
CP0001038	23/24 Retic Valve/Hyd Replace Program	New vales have been sourced and will be installed at Lerra and Byrnes Streets intersection as soon as time permits and we have available contractors to assist.	Construction
CP0002670	FY24/25 - WTP Minor Infrastructure	Electrical Switchboard is due to be installed by the end of the financial year.	Construction
CP0002671	FY24/25 - Water Main Replacement	Works to commence 17 March 2025.	Construction
CP0002672	FY24/25 - KDA WTP Turbidity Meters	Installation works underway with contractor on site week of 24 February.	Construction
CP0002674	FY24/25 - DIM WTP Turbidity Meters	Close project Out Equipment Does Not Need Replacing	Close Out
CP0002675	FY24/25 - Replace Chlorine Analysers	Installation work underway with contractor on site week of 24 February.	Construction
CP0002677	FY24/25 - Telemetry/SCADA Upgrades	Following on from project scoping late 2024 works are set commence March 2025.	Construction
CP0002680	FY24/25 - Hydrants & Valve Renewal	Waiting on parts for Constance/Basalt	Construction

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Project Code	Project Description	Project Comment	Project Stage
CP0002682	FY24/25 - Irvinebank Ibis Dam PS	Waiting on pricing from suppliers on new equipment.	Construction
CP0002683	FY24/25 - DIM WTP Pump Replacement	Pump will be assessed during routine servicing in May though it is unlikely the pump needs to be replaced.	Planning
CP0002684	FY24/25 - Smart Meters Replacement	Quotes received for new Taggle Transmitters to improve communications and allow for improved data capture and the purchase orders have now been issued to Taggle and we are waiting on installation.	Construction
CP0002762	FY24/25 - MBA WTP Refurbish Clarifiers	Project works have commenced with the stripping out of Clarifier 1 well underway. Critical equipment has been manufactured and being transported to site.	Construction
CP0002764	MOL Replace Hunter Ck Weir	Inspection will be programmed when weather permits.	Construction
CP0002921	MBA Booster Pump Station Relocation	Commencement of works have been delayed due to wet weather and its hoped as soon as there appears to be some reasonable weather works will be scheduled.	Construction
CP0003667	FY24/25 Irvinebank Ibis Dam Valves	Valves selected, electrical schematics being produced.	Procurement
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	Project in procurement stage	Procurement
CP000733	BOR6 MWTP Filtration Upgrade	Filtration project can be closed out once final commitment has been cleared the project can then be closed out.	Completed
CP000878	MBA Decommission Basalt St Elevated Tank	The water tower has been isolated and the reservoir section of the water tower needs to be cleaned out then a permanent closure / lockout of the feed line will be done which is expected to take place early to mid April.	Construction
CP000879	MBA Decommission Granite Ck Pump Station	Commencement of works have been delayed due to inclement weather and availability of contractors and will commence as soon as possible and be completed by 30 June.	Construction
Program: 12 - Wastewater			
CP0001041	Mba WWTP Inlet Works Replacements	Works now completed and we are waiting on contractor to provide invoicing for payment then the project can be closed out.	Completed
CP0001043	Atherton St Pump Station Refurb	Project subject to grant funding.	On Hold
CP0001047	23/24 WW CCTV & Relining Program	CCTV works completed February.	Construction
CP0001050	Kennedy Hwy PS Control Board Upgrade	Switchboard installed and commissioned.	Completed
CP0001053	23/24 WWPS Refurbishment Program	Works substantially completed in October.	Construction
CP0002474	FY24/25 - MBA Sewer CCTV & Reline Prog	CCTV works awarded to FlowPro. Works ongoing.	Construction
CP0002475	FY24/25 - WW Pump Station Ancillary	Parts have been ordered and awaiting delivery.	Construction
CP0002476	FY24/25 - WW Reticulation Pumps Renewal	Testing has been completed on pumps and the contractor has been requested to resolve the issues identified.	Procurement
CP0002477	FY24/25 - Telemetry/SCADA Upgrades	Contractor progressing with investigating processes and systems relevant to alarming and code deployment.	Construction
CP0002479	FY24/25 - Pump Station Generators x 2	Enclosure to be constructed and installed	Construction

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Project Code	Project Description	Project Comment	Project Stage
CP0002480	FY24/25 - Manhole Rehab & Replace	Contractor advises ground water is still ingressing into the manholes. Works to commence once ground water subsides.	Construction
CP0002481	FY24/25 - MBA Constance St Rising Main	Project has been approved by Council and tenderer provided with preferred tenderer status and once the Grant funding deed is with Council and finalised contract documents will be issued to the successful tenderer.	Design
CP0002482	FY24/25 - KDA WWTP Renew Control Panels	Electrical works are now completed.	Close Out
CP0003715	KDA WWTP Renew 6x4m Shed	Contractor has commenced works despite ongoing inclement weather in Kuranda. Actual project works will be completed by 30 June.	Construction
CP0003722	KDA WWTP Renew 6x6m Shed	Contractor has commenced works despite ongoing inclement weather in Kuranda. Actual project works will be completed by 30 June.	Construction
CP00889	22/23 MBA Sewer CCTV & Relining	Works complete.	Construction
Program: 13 - Waste			
CP0002216	KDA WTS New Ablution Block	Septic tank and trench complete. Slab and walls complete. Construction continuing.	Construction
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 reassessed for replacement during the scheduled May servicing.	Planning
CP0002221	MBA TS Leachate PS Pump	New pump on order with a reasonably long lead time on delivery.	Procurement
Program: 15 - Fleet			
CP0001071	Fleet Replace #1231 Toyota WW	Nov - Procurement in progress	Procurement
CP0003738	Replace Asset 741 Street Sweeper	Purchase order raised December 2024, Delivery expected June 2025	Procurement
CP0003739	Replace Asset 620 Job Truck	Truck has been delivered to body builder to have tipper body fabricated	Procurement
CP0003740	Replace Asset 1255 Toyota Hilux	Vehicle on order, no delivery date as yet	Procurement
CP0003741	Replace Asset 1274 Toyota Hilux	Vehicle on order, no delivery date as yet	Procurement
CP0003742	Replace Asset 4052 Kubota Mower	Project Complete, Mower in service	Close Out
CP0003743	Replace Asset 5005 MF Tractor/Loader	Project Complete	Close Out
CP0003752	Replace Asset 3010 Toyota Landcruiser	Project Complete	Close Out
CP0003773	Replace Asset 1307 Mit. Pajero INSURANCE	Project Complete	Close Out
CP0003776	Replace Unit 5422 Tool Trailer INSURANCE	Planning Stage	Planning
CP0003777	Replace Asset 1412 Mazda BT50 INSURANCE	Project Complete, Vehicle in service	Close Out
CP0003826	Replace Asset 1244/6263 L'cruiser INSUR	Vehicle on order;;Spray unit delivery April 2025	Procurement
Program: 16 - Depots and Council Offices			

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Project Code	Project Description	Project Comment	Project Stage
CP0001064	Mba Depot Admin Building Refurb	Works completed early February.	Completed
CP0001597	CHI Depot Office Renewal	Works completed.	Close Out
CP0003737	MBA Kowa St External Staff Training Room	Planning underway	Planning
CP0003765	MBA Kowa St Depot Fuel Bowser	Safety signs to be installed mid March - no smoking, turn off engine.	Construction
CP00759	Kowa St MSC Depot Emergency Generator	Design and recommendations received.	Completed
Program: 17 - Community Buildings			
CP0000947	Mareeba Aerodrome Safety & Repairs	Fire Pumps being installed onsite 05/03/2025.	Construction
CP0001059	Mba/Dim Aquatic Condition Assessment	RFQ to be released to market March 2025.	Planning
CP0001632	24/25 Amenities Refurbishment Program	Planning commenced.	Planning
CP0001637	KDA Library Paint & Roof Improvements	Awning structure completed. Planning for plumbing works commenced.	Construction
CP0001639	Annual Minor Building Refurbishment	Planning commenced.	Planning
CP0001646	KDA Recreation Centre Improvements	Works to be completed early March 2025.	Construction
CP0001664	Annual Facilities LED Lighting	Planning commenced.	Planning
CP0002909	DIM Memorial Hall Park Lighting Upgrade	Awaiting Ergon works to demolish second point of supply. Contractor advises late March. All power and lighting now operational.	Construction
CP0003718	MBA Davies Park Field 2 Lighting Upgrade	Works on hold. Awaiting suitable funding.	On Hold
CP0003729	MBA Aquatic Centre Pool Expansion Joints	Pool Lessee advised expansion joints planned for reseal by End of May 2025.	Planning
CP0003756	MBA Davies Park Field 1 Lighting Upgrade	Works to commence early March.	Construction
CP0003792	MBA Animal Management Facility Flooring	Works completed	Completed
CP00749	Aquatic Facility Upgrades & Splash Park	Works complete.	Completed
CP00793	MBA Women's Restroom Refurb	To be completed in conjunction with the Mareeba CBD Blueprint Project	Planning
CP00819	22/23 Shire Toilet Facility Repl Program	Project Complete.	Completed
CP00909	KDA Aquatic Cnt 25m Pool Aquaris Upgrade	Pool Lessee is confirming replacement timeline with Contractor. Works to be completed prior end of financial year.	Procurement
CP00941	23/24 Park/Sporting LED Lights Arnold Pk	Planning commenced.	Design
Program: 18 - Non-Infrastructure Items			
CP0001085	Mba Cemetery Expansion Planning	Inception meeting held with Community Dep and Technical Services Team to commence layout development, Targeted for June 2025.	Planning
CP0003684	MBA New Cemetery Lawn Plaque on Beam	Additional irrigation works to be undertaken	Construction

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Project Code	Project Description	Project Comment	Project Stage
CP0003716	MBA Smartnet GPS Base Replacement	Works Complete, capitalisation of project required.	Completed
CP0003717	KDA Heights Cemetery Lawn Plaque on Beam	Additional irrigation works to be undertaken	Construction
CP0003754	Mareeba CBD Blueprint	In procurement	Planning
CP00446	Kuranda New Cemetery	Turf to be installed early March.	Construction
CP00932	MBA MIP Expansion	Masterplan at 95% design stage.	Design

Infrastructure Services Capital Works Report Project Highlights – February 2025



Project Name: Herberton/Constance Streets Intersection Upgrade

Program: Urban Streets

Background

The FNQRRRTG Works Program for the 2024-2025 financial year contained a non LRRS (Local Roads of Regional Significance) project for Mareeba Shire Council to 50% fund the upgrade of the Herberton Street/ Constance Street intersection. The funding is provided by the Queensland State Government through the Transport Infrastructure Development Scheme. (TIDS).

Scope of Works

The scope of works includes the installation of a roundabout, a number of traffic islands, kerbing, footpath extensions and light pole relocations.

Progress Update

During February all Ergon conduit installations were completed. Rag bolt systems were installed in five (5) light pole relocation positions with a further two (2) yet to be done. Footpath works have commenced at the north western section of the intersection as has the pavement and roundabout excavation at the south western portion of the intersection. Works are progressing well and practical completion is estimated to be mid-May 2025, weather permitting.



Conduit installation



Completed conduit installation



Completed rag bolt installation



Footpath works

Infrastructure Services Capital Works Report Project Highlights – February 2025



Project Name: Chewko Road Rehabilitation, Widen and Seal

Program: Urban Streets

Background

The FNQRRTG Works Program for the 2024-2025 financial year contained a LRRS (Local Roads of Regional Significance) project for Mareeba Shire Council to 50% fund the rehabilitation and widening of a section of Chewko Road, Mareeba. The funding is provided by the Queensland State Government through the Transport Infrastructure Development Scheme. (TIDS).

Scope of Works

The scope of works includes the relocation of a water main, upgrade accesses, widen and seal the existing pavement and drainage improvements.

Progress Update

Works commenced in February and to date the driveway accesses (including RCPs) have been completed, culvert extensions have been completed, the drainage on the Borzi Park side has been excavated to depth with excess material still being removed, the drainage from Reynolds Street and Hales Street (south side) has been completed and the shoulder rebuild is 90% complete. Works are progressing well and practical completion is estimated to be mid-April 2025, weather permitting.



Pony Club access and RCPs



Culvert extension



Drainage excavation – Reynolds Steet side



Shoulder reinstatement

Infrastructure Services Capital Works Report Project Highlights – February 2025



Project Name: Mareeba Water Plant Clarifier Upgrade Project

Program: Water

Background

Mareeba Shire Council (MSC) operates a drinking water treatment plant (WTP) at Mareeba. The Mareeba WTP is a conventional treatment plant which utilises coagulation/flocculation, sedimentation, and media filtration. On average, the Mareeba WTP produces 4-6 ML/d of drinking water in the wet season and 6-12 ML/d in the dry season. The Mareeba WTP has a maximum capacity of 20 ML/d.

A blend of approx. 40% Aluminium Chlorohydrate (ACH) and 26% polyelectrolyte (polyDADMAC), which is a cationic polymer, is currently used for coagulant dosing. The coagulant is dosed to assist in coagulation of the raw water and to improve the performance of the clarifiers.

Raw water is dosed with Potassium Permanganate (KMnO₄), if required. The potassium permanganate is dosed to oxidise any soluble manganese and iron in the raw water and to help to break down organics, which assists in coagulation. Although it is infrequently used, powdered activated carbon (PAC) can be dosed to the raw water to reduce the level of organics, pesticides, taste and odour.

The chemically dosed raw water flows through the static mixer to the clarifier splitter tower and then into the 2 No. up-flow clarifiers, which allow for the coagulated particles to settle out. Polymer can be dosed when needed at the clarifier splitter tower to assist in coagulation. Each clarifier is a circular concrete tank with a sludge scraper. Clarifier 1 includes 4 No. flocculators/mixers to aid in coagulation and flocculation. Clarifier 2 only has a flocculation central zone without mixers.

Raw water enters each clarifier through the central flocculation zone and then travels down and under the central ring and into the clarification zone. In Clarifier 1, the clarified water flows through a circumferential weir consisting of slotted holes approx. 300mm spacing, located approx. 300mm below the top of the wall. Clarified water flows through the slotted holes into the peripheral launder and into the filter splitter chamber. In Clarifier 2, clarified water flows over multiple radial weirs and onto the filter splitter chamber. In each case, the accumulated sludge is discharged when the pneumatically operated sludge blowdown valves are opened and sent to the settling pond. From the settling pond, the sludge is sent to one of three drying beds.

Once the water has been clarified, it flows to a filter distribution header where it is divided into a six-cell set of media filters. MSC recently upgraded the Raw Water Pump Station at the Mareeba WTP. With the addition of variable frequency drives (VFDs), this allows for greater flow control into the WTP than at it previously had. The improved flow control allows for better optimisation of the plant by allowing it to operate more continuously, which will result in better performance of the Clarifiers.

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Scope of Works

The project comprises

- Replacement of Clarifier 1 sludge rake and centre drive, including new power and control cabling;
- Replacement of all 4 X flocculator mixers with new mixers and VFDs, including new power and control cabling;
- Replacement of concrete panel platform with new steel structure;
- Replacement of handrails with marine grade aluminium or 316 stainless-steel and standard kick-plates;
- Replacement of covered area on Clarifier 1 with a new roof; and
- Supply and install new automated polymer make-up and dosing system, including new dosing pumps and dosing lines from the proposed new location in the Main Control Building.

Progress Update

The project is now underway with the commencement of stripping out Clarifier 1 and manufacturing and supply of critical equipment for the upgrade works.



Stripping out Clarifier 1 and new equipment being manufactured.

Infrastructure Services Capital Works Report Project Highlights – February 2025



Project Name: 2024-2025 Sewer CCTV Investigations

Program: Wastewater

Background:

Mareeba's major urban centre is serviced by a reticulated sewerage network that was constructed in the late 1960s, early 1970s and 1980s. As the Shire is growing and the network infrastructure is ageing, asset rehabilitation of wastewater infrastructure is a priority. This project is to conduct CCTV inspections across the sewerage network to identify problematic sewerage lines and manholes that will require remediation to improve future resilience for the Mareeba Shire. The current CCTV and Sewer relining program is fully funded by the Queensland Governments '2024-27 Works for Queensland' program.

Scope of Work

- Mobilisation to the various sites across Mareeba's urban area.
- Pre-cleaning of sewer lines.
- Camera inspection and testing of the sewer lines
- Condition assessment reports

Progress Update

CCTV works are currently progressing across the western side of Mareeba township. Council have received condition assessment reports for Byrnes St Mareeba West, Lloyd St Mareeba North, Mareeba CBD, Keneally Rd Sewer network and Lloyd St to Wilson St sewer network. The outcomes of the CCTV Investigations will inform 2025-2026 sewerage capital works projects.

Infrastructure Services Capital Works Report Project Highlights – February 2025



Captured image of identified defective sewer junction



Image of high-tech imaging software

Infrastructure Services Capital Works Report Project Highlights – February 2025



Project Name: MBA Animal Management Facility Concrete Apron

Program: Facilities

Background:

Mareeba's Animal Management Facility was built in 2020 in partnership with the Queensland Government and has been operational since August 2021. Mareeba Shire Council has leased the facility to Friends of the Animals (FOTA) who utilise the Animal Facility for boarding animals and rehoming services for unwanted pets. The lease agreement between FOTA and Mareeba Shire Council also requires any impounded animals that Council collects, are to be impounded in a dedicated area at the facility and cared for by FOTA. The impounded animals are fed and watered whilst they are in the impounded facility area.

Due to the high volume of impounded, boarded and rehomed dogs all being in the same facility, Council have become aware of parvovirus outbreaks within the facility. Parvovirus is highly contagious and can survive for long periods in the environment and soil. The virus can withstand routine cleaning and weather changes, which means the spread of the virus is hard to control.

Mareeba Shire Council identified the possibility of the virus living within the soil of the impounded dog runs due to high turnover of unvaccinated animals. Council sought to mitigate this risk by including concrete aprons within the impounded dog runs for ease of cleaning and controlling any introduced outbreaks of the virus.

Council also identified the need to provide shading options to the dog runs due to extreme hot weather events.

Scope of Work

- Clearing and grubbing of the impounded dog run areas.
- Supply and installation of 100mm concrete aprons including drainage.
- Supply and installation of shade sails over the dog run areas.

Progress Update

Molloy Constructions were awarded the works to supply and install the concrete aprons and shade sails. Works have been satisfactorily completed.

**Infrastructure Services Capital Works Report
Project Highlights – February 2025**



New concrete aprons and shade for impounded dog runs.

Infrastructure Services Capital Works Report Project Highlights – February 2025



Project Name: Byrnes Street Median Safety

Upgrades Program: Roads

Background:

Council has been progressively upgrading Byrnes Street, and this project will complete the last garden beds and will enhance visibility for road users and create safer working conditions for Council's Parks and Gardens team members.

The project will modernise the garden beds, ensuring a cohesive look and feel from one end of Byrnes Street to the other. Significant shade trees will remain, and additional trees will be planted. The plant palette includes native and flowering plants to add colour. The number of parking spaces will remain unchanged.

The \$663,152 project is fully funded by the Australian Government's Local Roads and Community Infrastructure Program. This is part of the broader \$1,812,817 in LRCI Phase 4 funding from the Australian Government to deliver a suite of projects in the Shire.

Scope of Work

- Supply and install maintenance walkways and maintenance strip kerbs as per schedule and design drawings.
- Treat existing kerbs and repaint including new maintenance strip kerbs as per schedule and design drawing.
- Supply and install 12mm Netta Drip irrigation in a spider web pattern with 300mm spacings.
- Supply and top up medians with Sandy loam topsoil as per schedule
- Remove trees marked for clearing and dispose of vegetation waste
- Plant out Council supplied plants as per Council
- Supply and install woodchip mulch as per schedule
-

Progress Update: Project is complete. See photos below and on next page.



Location 1: Mareeba - Cairns Connection Road.



Location 2: BP Median Island.

Infrastructure Services Capital Works Report Project Highlights – February 2025



Location 3: Jacobson Street Median Island



Location 4: Lloyd Street Roundabout



Location 5: Between Lloyd St and Railway Ave



Location 6: Lloyd St/Railway Avenue/Granite Creek



Location 7: Centre Island – Railway Ave – Granite Ck



Location 8: Eastern Railway Ave – Granite Ck

Infrastructure Services Capital Works Report Project Highlights – February 2025



Project Name: Constance Street – Lloyd Street New Footpath Connection

Program: Footpaths

Background

This project aims to enhance pedestrian safety by introducing a designated footpath that separates pedestrians from vehicle traffic, significantly reducing the risk of casualty crashes. The new footpath will minimise risks for vulnerable pedestrians and will improve overall safety for both school-aged children and their younger siblings. Additionally, new carparks will be added to ensure smoother traffic flow during school drop-off and pick-up times, creating a safer and more efficient environment for the entire community. This project is a key initiative in the Mareeba Walking Network Plan and is funded by the Queensland Government's School Transport Infrastructure Program and the Mareeba Shire Council.

Scope of Work

This project will construct a new footpath connection on Constance Street where there is currently a missing link. This initiative connects to the Constance Street and Lloyd Street intersection pedestrian kerb build-out safety improvement which was recently completed in partnership with the Department of Transport and Main Roads Lighter Affordable Effective Pilot Program. The project deliverables are:

- Extend the footpath on Constance Street to connect to Lloyd Street.
- Widen Constance Street to the north of the existing school carpark on its eastern side.
- Install kerb and channel systems.
- Construct additional formal carparking bays.

Progress Update

Ikin Civil has been awarded the contract to complete the works, and construction has commenced. Photos on following page.



Infrastructure Services Capital Works Report Project Highlights – February 2025



Constance Street to Llyod Street New Footpath Connection Construction Commenced

Infrastructure Services Capital Works Report Project Highlights – February 2025



Project Name: Coondoo Street and Centenary Park Kuranda Streetscape

Program: Footpaths and Parks and Open Spaces

Background:

This project brings together several projects from the Kuranda Township Infrastructure Masterplan 2021- 2031 to deliver infrastructure and improvements that enhance the 'Village in the Rainforest' as a unique, authentic experience for residents and tourists alike, by improving safety, accessibility, connection with the environment and integration between the activities of residents and tourists.

The included projects are:

- Centenary Park Upgrade (Pathways Component Only)
- Upgrade of planter boxes and garden bed planting through the CBD areas (Coondoo Street)
- Coondoo Street Upper Refurbishment (footpaths, lighting, tree bud lighting)
- Coondoo Street Lower Lighting Upgrade

Scope of Work:

Safety improvements to footpaths

Work will include renewed sections of footpath and relaying of pavers to repair cracks and uneven surfaces. The work will match the look and feel of the current footpaths. Footpaths are not being fully replaced. Some minor footpath repairs will also be undertaken in Centenary Park.

Planter Box Maintenance & Installation of Fairy Lights to Fig Trees

The existing plantings in the Coondoo Street planter boxes will be revamped, in some instances competing plants will be removed to protect the fig trees. Stone masonry work will be undertaken if required and irrigation installed.

Installation of fairy lights to fig trees will provide ambient lighting in upper Coondoo Street.

The existing lighting at the base of the fig trees will be replaced with lighting pillars to service the fairy lights and provide 240 v power outlet options for potential street events.

Heritage exemption has been received from the Department of Environment and Science (DES) to undertake works around the heritage-listed fig trees, including the fairy light installation. An arborist has been engaged to provide advice on how to undertake works to reduce any potential impacts on the fig trees.

Upgrades to street lighting

Works will see existing streetlights along upper Coondoo Street being upgraded with new poles and LED fixtures. The design of the upgraded fixtures will maintain the current heritage look. Lighting upgrades will provide an opportunity for businesses in Kuranda to extend trading into the evening and night. The street lighting along lower Coondoo Street will also be upgraded as part of this project, however, works will commence at a later date.

Infrastructure Services Capital Works Report Project Highlights – February 2025



Footpath replacement – Centenary Park Kuranda.



Fig Trees – Removal of Competing Plants



Fig Tree Planter Box Refresh



Fig Trees – Preparing for Electrical Pillars

Infrastructure Services Capital Works Report Project Highlights – February 2025



Project Name: Dimbulah Memorial Park Lighting

Upgrade Program: Community Facilities

Background:

Dimbulah Memorial Park has traditionally served as a venue for community events, often organized by groups such as the Lyons Club and the Dimbulah Community Centre. These events, held both during the day and at night, require adequate lighting and electrical services. Over the years, these services have been incrementally added to the park as needed.

Through consultation with the park's various user groups, Council identified the need to upgrade the outdated and end-of-life lighting and electrical systems. The upgrade will provide modern lighting and electrical distribution boards throughout the park, ensuring user groups can safely conduct their community events. This project complements recently completed upgrades to the Dimbulah Memorial Park Hall, which delivered a new roof, air conditioning and solar panels to the facility.

Scope of Work

- Upgrade the park's main electrical distribution board.
- Install new main electrical service from the Town Halls point of supply.
- Supply and install three new electrical distribution boards along Brickley Street.
- Upgrade existing electrical distribution boards throughout the park.
- Supply and install two 8 metre lighting poles along Brickley Street (as per lighting design)
- Supply new LED system lighting to light poles and the Memorial Hall (as per Lighting design)

Progress Update

Project is complete.



Dimbulah Memorial Hall Park Lighting Upgrade Complete

9.3 INFRASTRUCTURE SERVICES, DISASTER RECOVERY OPERATIONS REPORT - FEBRUARY 2025

Date Prepared: 6 March 2025

Author: Manager Disaster Recovery

Attachments: 1. February major Projects Summary [↓](#)

EXECUTIVE SUMMARY

The purpose of this report is to outline to progress of Council's activities funded under the Disaster Recovery Funding Arrangements (DRFA) during the month of February 2025.

RECOMMENDATION

That Council receives the Infrastructure Services, Disaster Recovery Operations Report for February 2025.

BACKGROUND

The Disaster Recovery Funding Arrangements (DRFA) is a jointly funded program between the Australian Government and State Government, providing financial assistance to help communities recover from eligible disasters. Current projects and their respective weather events are provided herein.

2022 DRFA – Far North Queensland Low Pressure Trough, 1 – 7 February 2022

Project Name	Update
T-MSC2023-16 Gamboola Crossing	Dempsey Crane and Construction (DCC) was engaged to deliver the works. Construction commenced September 2023 and Practical Completion was reached November 2024. Variations finalised. Final consultant invoice to be processed prior to close out of the project.
T-MSC2023-12 Gully Betterment Program	S&K Civil Pty Ltd (S&K) was engaged to deliver the works. Construction commenced June 2023 and Practical Completion was reached December 2024. Project Management costs to be finalised prior to close out of the project.

2023 DRFA – Northern and Central Queensland Monsoon and Flooding, 20 December 2022 – 30 April 2023

Project Name	Update
Mount Mulligan Road Rain Gauge reinstatement	Quotation received from Qtec Pty Ltd (Qtec) exceeded original funding amount. Funding guidelines state that works will be reimbursed based on the actual cost. Works completed as of 4 March 2025. Costs to be reconciled and project closed out.

Project Name	Update
T-MSC2024-06 – MSC DRFA 2023 Eastern Roads Package	Ikin Civil Pty Ltd engaged to deliver contract. Minor seal works to be completed subject to weather.
T-MSC2024-07 – MSC DRFA 2023 Dimbulah Roads Package	Keltone Construction Pty Ltd engaged to deliver contract. Keltone has remobilised but works not commenced due to saturation of site. Consideration being given to potential damage to road network from construction machinery.
T-MSC2024-08 – MSC DRFA 2023 Mid-Western Roads Package	Gregg Construction Pty td engaged to deliver contract. Works complete.
T-MSC2024-09 – MSC DRFA 2023 Western Roads Package	MC Group Pty Ltd engaged to deliver contract. Works outstanding on Bulimba and Blackdown Road. Work set out commencing. 5T load limit in place on BDR preventing machinery from mobilising.

2024 DRFA – Tropical cyclone Jasper, associated rainfall and flooding, 13 – 28 December 2023

Project Name	Update
T-MSC2023-04 Kuranda Landslip Remediation	Australian ground engineering Pty Ltd engaged to deliver contract. Hilltop reservoir: Complete. Barron Falls Road: Guardrail installed, roadworks complete and extension to scope complete. Finalisation of Contractor and Consultant costs to be undertaken prior to closeout.
T-MSC2024-10 Jarawee Road Stabilisation	Civform Pty Ltd engaged to deliver contract. Works underway on site. Both abutments poured. Pouring of abutments ongoing (multiple lifts required). Works scheduled to be completed late March 2025 (subject to weather).
T-MSC2024-13 Bushy Creek Bridge	Davbridge Pty Ltd engaged to deliver contract. Bridge works complete. Sealing works completed. Line marking not yet complete. Minor works to be completed during defects liability period (painting of pile casings).
T-MSC2024-15 Emerald End Culvert Construction	Terra Novus is engaged to deliver contract. Downstream wingwalls complete. Subgrade proof roll passed. Downstream batter protection and pavement works ongoing. Scheduled for completion March late April 2025.
T-MSC2024-16 Carman Road Culvert Construction	Terra Novus Pty Ltd is engaged to deliver contract. Construction is scheduled to commence following the completion of the cobra creek culvert on Emerald End Road (March May 2025).

MSC DRFA 2024 Roads Program

Tenders have been assessed and recommendations provided to Council for award of the below road packages at the Council meeting of 19 March 2025:

- 1) T-MSC2024-06 – MSC DRFA 2023 Eastern Roads Package
- 2) T-MSC2024-07 – MSC DRFA 2023 Dimbulah Roads Package
- 3) T-MSC2024-08 – MSC DRFA 2023 Mid-Western Roads Package
- 4) T-MSC2024-09 – MSC DRFA 2023 Western Roads Package

Clean-up Program (exceptional circumstances package)

Funding is available to eligible local governments and state agencies that require extraordinary assistance to undertake assessments and conduct extraordinary clean-up activities of rivers, waterways, beaches, community and recreational assets and National Parks and to support removal and disposal of disaster related debris.

All approved works under this program were completed in late 2024. Reconciliation of costs for reimbursement are underway.

Water & Sewer Program (exceptional circumstances package)

In December 2024, a Water and Sewerage Infrastructure Package was announced, and is available to Mareeba Shire Council, Cook Shire Council and Douglas Shire Council.

The objectives of the Water and Sewerage Infrastructure Package is to restore essential water and sewerage infrastructure that was damaged by the event and ensure essential services are delivered to the community, accelerating recovery and relieving distress.

In addition to request for reimbursement of immediate and emergency costs, the following submissions have been lodged to QRA:

- 1) Lloyd Street Sewer Main Works
- 2) Kuranda Water Treatment Plant Works

Tender documentation for Lloyd Street Sewer Main Works has been drafted and are due for release upon receipt of project drawings. This is estimated to be released by mid-March 2025.

Tender documentation has been drafted for the project management of the Water & Sewer Program. This is estimated to be released by mid-March 2025.

QRA are working with the National Emergency Management Agency (NEMA) to develop program guidelines for the program.

Betterment Fund (exceptional circumstances package)

The Betterment Fund is available to eligible local government areas in Queensland impacted by the Tropical Cyclone Jasper, associated rainfall and flooding, 13 - 28 December 2023. It is jointly funded by the Australian and Queensland Governments. The objectives of the Betterment Fund are to restore essential public assets damaged in TC Jasper to a more resilient standard.

Submissions are to be lodged prior to 31 March 2025. Submissions are currently being drafted for the following projects:

- 1) Gully Betterment Program
- 2) Wolfram Road Culvert Upgrade
- 3) Lockwood Road Sealing Works

Future Disaster Events**Project Management Services**

Tender T-MSC2025-05 – MSC DRFA Program Management 2025-27 tendered 31 January 2025 and closed 25 February 2025.

Engagement is for the design and delivery of DRFA eligible events occurring from 1 January 2025 to 30 June 2027, which would enable Council to be prepared for future disaster events. Tenders have been assessed and recommendations provided to Council.

Event Activation

An activation request has been made for event: North and Far North Tropical Low, commencing 29 January 2025.

RISK IMPLICATIONS**Financial**

Funding arrangements state that eligible expenditure is reimbursed.

Expenditure is considered eligible when:

- 1) Extraordinary costs are incurred that could normally not be absorbed by, or reasonably managed within, the local government or state agency's financial, human and other resource capacity, and
- 2) Costs are directly associated with the delivery of eligible works on eligible essential public assets that have been damaged by an activated eligible disaster.

No ineligible cost reported for active projects. Risk of ineligible expenditure is mitigated through engagement of suitably qualified consultants.

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.

**Infrastructure Services Disaster Recovery Operations
Major Projects Summary – February 2025**



2024 DRFA – Tropical cyclone Jasper, associated rainfall and flooding, 13 – 28 December 2023

T-MSC2024-04 Kuranda Landslip Remediation



Barron Falls Road – 27 Feb 2025



Hilltop Close Reservoir

Project Manager/Designer:

ARO Industries Pty Ltd

Contractor:

Australia Ground Engineering Pty Ltd

Status:

Hilltop Reservoir Complete, Barron Falls Road Complete

**Infrastructure Services Disaster Recovery Operations
Major Projects Summary – February 2025**

Mareeba Shire Council (MSC) engaged ARO Industries Pty Ltd (ARO) for the provision of engineering design and project management services for the geotechnical failures at:

- 1) Hilltop Close Reservoir; and
- 2) Barron Falls Road.

The sites were damaged as a result of the Tropical cyclone Jasper, associated rainfall and flooding, 13 – 28 December 2023 weather event.

MSC was granted funding through the Queensland Reconstruction Authority (QRA) to undertake work at Barron Falls Road. Reimbursement for works at Hilltop Reservoir are currently being sought through the QRA water and sewer infrastructure package.

Australian Ground Engineering (AGE) was engaged to deliver the works. Construction commenced at Hilltop Close in April 2024 and Practical Completion was reached July 2024. Construction commenced at Barron Falls Road in May 2024 and works were completed late February 2025.

**Infrastructure Services Disaster Recovery Operations
Major Projects Summary – February 2025**



T-MS2024-10 Jarawee Road Stabilisation



Project Manager:

ARO Industries Pty Ltd

Contractor:

Civform Pty Ltd (design & construct)

Status:

Works ongoing

Mareeba Shire Council (MSC) engaged ARO Industries Pty Ltd (ARO) for the provision of engineering design and project management services for remediation works at the culvert failure on Jarawee Road, Kuranda. The culvert was damaged as a result of the Tropical cyclone Jasper, associated rainfall and flooding, 13 – 28 December 2023 weather event.

As a result of an alternative tender, Civform was engaged for the design and construction of a reinforced concrete bridge with pedestrian lane in lieu of a culvert structure. Construction commenced September 2024 and is ongoing.

MSC was granted funding through the Queensland Reconstruction Authority (QRA) to undertake construction of the bridge.

Major updates for the month include:

- 1) Pouring of abutments commenced and ongoing.

**Infrastructure Services Disaster Recovery Operations
Major Projects Summary – February 2025**



T-MS2023-15 Emerald End Culvert Construction



Project Manager/Designer:	ARO Industries Pty Ltd/Trinity Engineering and Consulting Pty Ltd
Contractor:	Terra Novus Pty Ltd
Status:	Works ongoing

Mareeba Shire Council (MSC) engaged Trinity Engineering and Consulting Pty Ltd (TEC) for engineering design and ARO Industries Pty Ltd (ARO) for project management services for the construction of a RCBC structure across Cobra Creek on Emerald End Road, Mareeba. The existing crossing was damaged as a result of the Tropical Cyclone Jasper, associated rainfall and flooding, 12 – 28 December 2025 weather event.

MSC was granted funding through the Queensland Reconstruction Authority (QRA) to undertake construction of the causeway.

Terra Novus Pty Ltd is engaged to deliver the works. Construction is currently for completion April 2025.

Major updates for the month include:

- 2) Downstream batter protection commenced and ongoing.
- 3) Pavement works commenced and ongoing.

9.9 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - FEBRUARY 2025

Date Prepared: 18 February 2025
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 February 2025.

RECOMMENDATION

That Council receives the Infrastructure Services, Technical Services Operations Report for February 2025.

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

Investigation activities undertaken in February included:

Activity	Current Requests	Closed Requests
Road Infrastructure Review	98	14
Drainage Investigations	52	9
NHVR Permit Applications	0	28
Traffic Count Surveys	0	3
Parks Investigations	7	1
Aerodromes	1	0
Miscellaneous e.g. Planning; Local Laws	35	13
Before You Dig Requests	0	62

Soil Laboratory:

Council's Soil Laboratory provides NATA-accredited soil and material testing for internal and external services. The laboratory delivered 198 tests in December, 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.

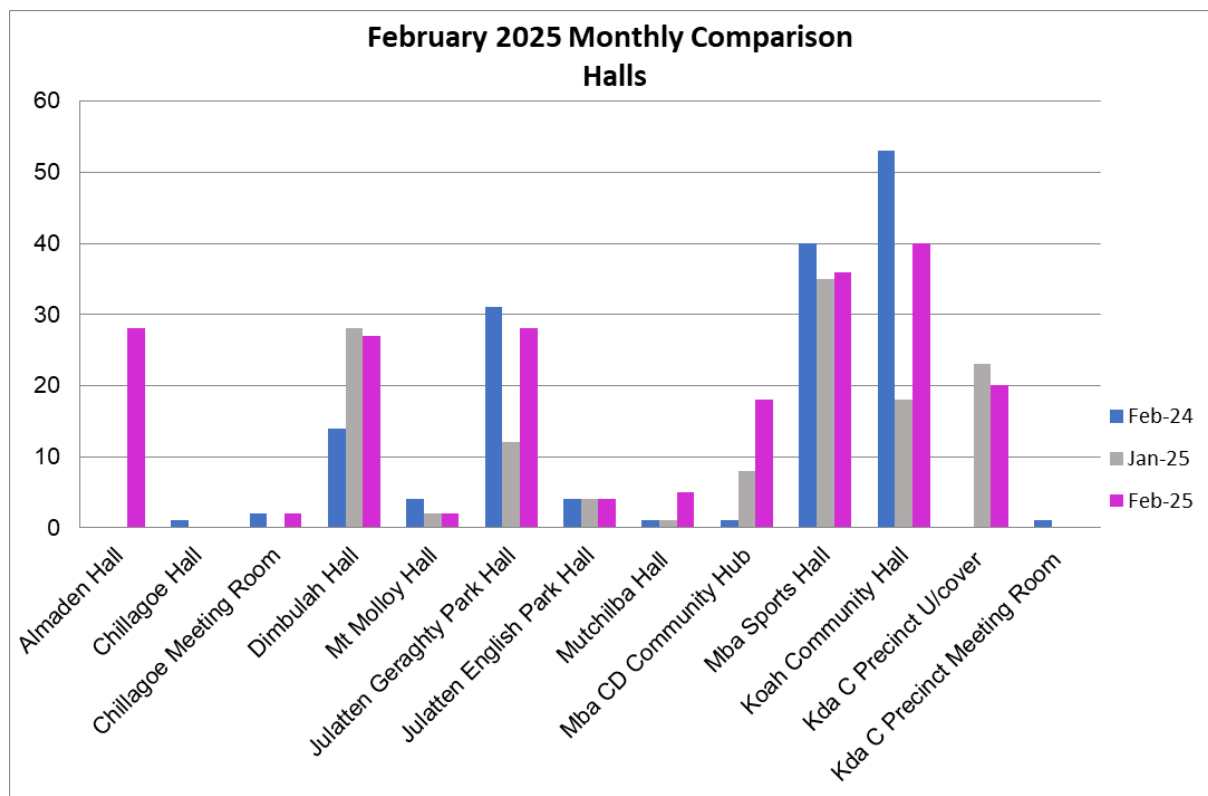
Operational Works and Subdivisions:

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
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 13b	Under construction
Mareeba	Prestige Gardens Stage 5-6	On-Maintenance
Mareeba	Mareeba Roadhouse and Accommodation Park, Williams Close	On-Maintenance - Monitoring
Mareeba	7 Kenneally Road	On-Maintenance
Mareeba	9 Kenneally Road	Under construction
Mareeba	Mclver Road, St Stephens College	Under Construction
Kuranda	2-6 Black Mountain Road	Under Construction
Kuranda	Jum Rum Rainforest Estate Stage 2, Fallon Road	Under construction
Kuranda	Myola Heights – Christensen Road	On-Maintenance

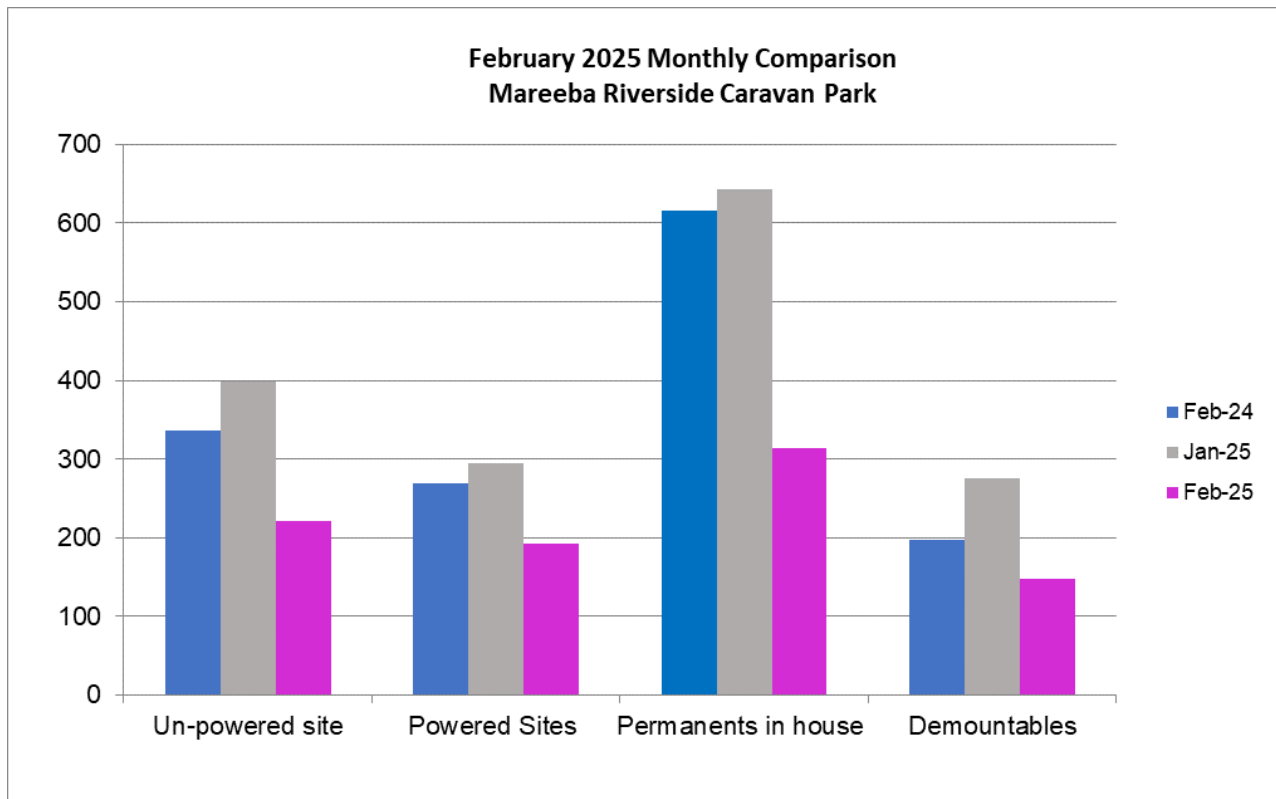
Community Halls:

Maintaining safe and efficient access to Council's Community Halls is recognised as an important aspect for the community's ongoing wellbeing. Bookings for February were generally strong across the region.

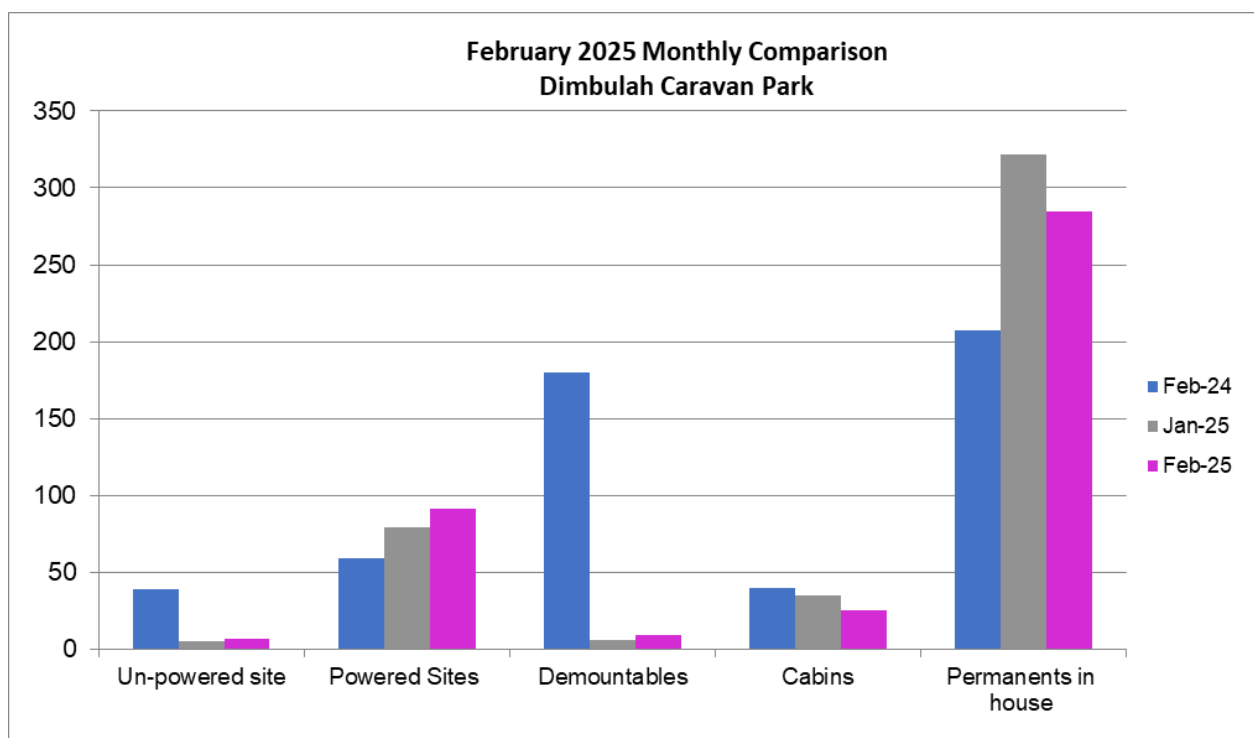


Caravan Parks:

Mareeba Riverside Caravan Park, utilisation for February 2025 was unusually low based on historical trends for this time of year. Operator advice has been sought to clarify any constraints within the market.

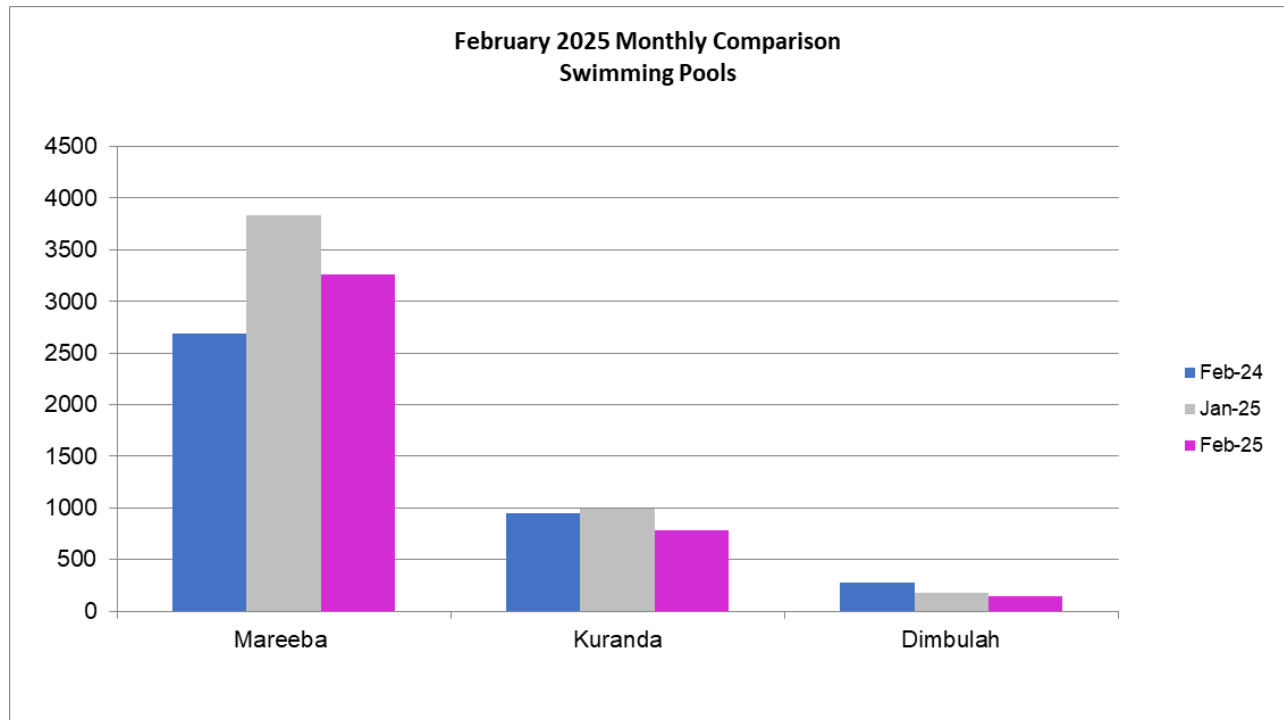


Dimbulah Caravan Park user numbers (total) have generally remained stable against previous year's numbers.



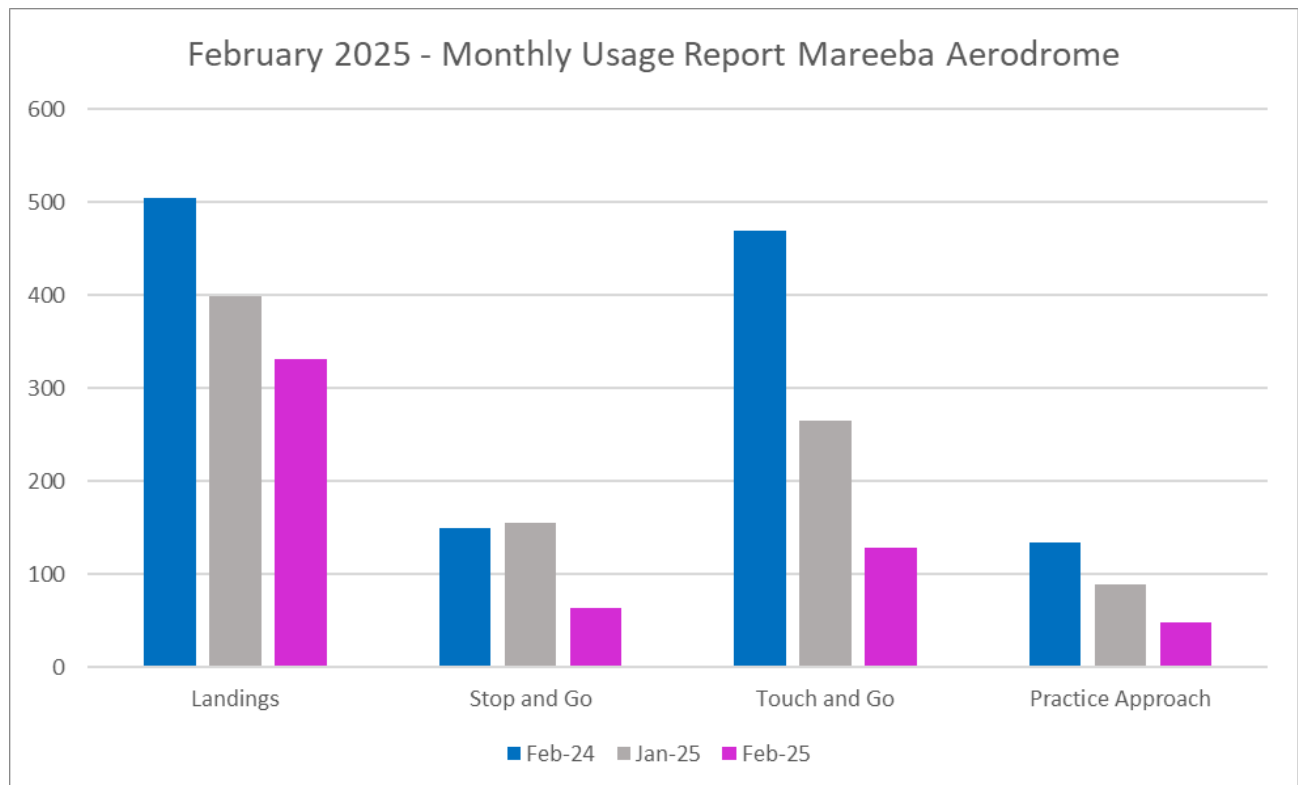
Aquatic Centres

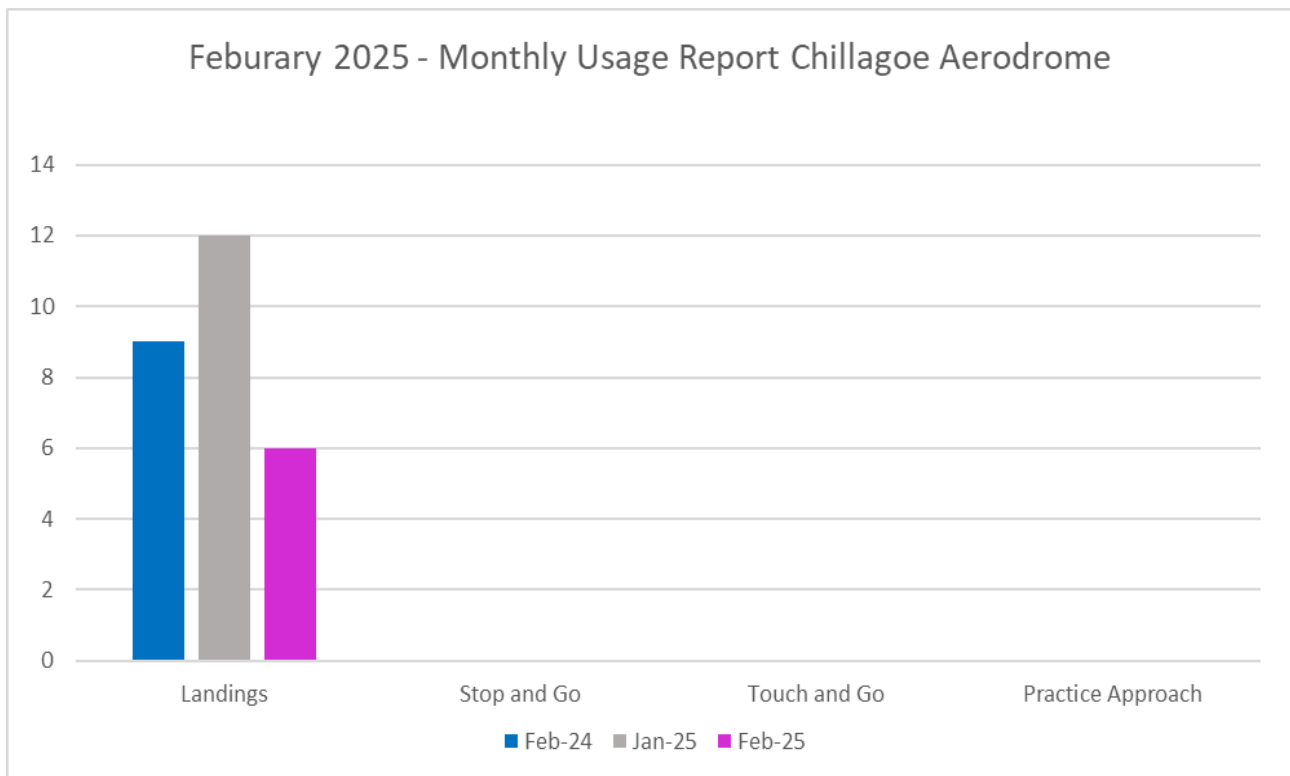
Attendance at the Facilities has remained generally stable.



Aerodromes:

The data recorded below is current for the month of February, 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

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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 - FEBRUARY 2025**Date Prepared:** 18 February 2025**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 February 2025.

RECOMMENDATION

That Council receives the Infrastructure Services, Water and Waste Operations Report for February 2025.

BACKGROUND**Water and Wastewater Treatment:**

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

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)	5307	918	146	270	MD
Number of Connections	4141	1053	127	246	111
Average daily water consumption per connection (L)	1282	872	1151	1096	MD

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

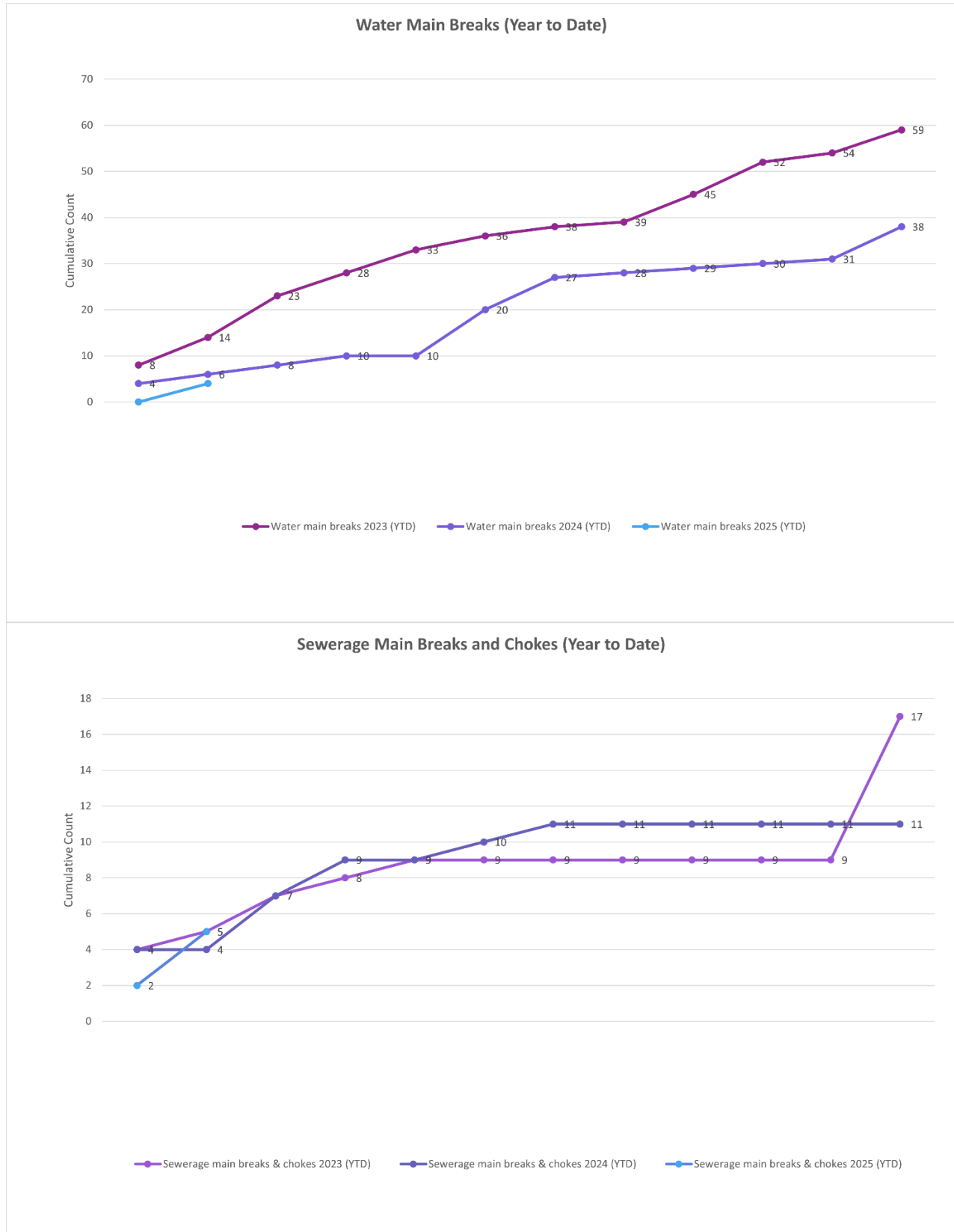
Wastewater Treatment	Mareeba	Kuranda
Wastewater Plant average daily treatment (kL)	7858	259
Number of Connections	3519	356
Average daily inflow per connection (L)	2233	726

Water and Wastewater Reticulation:

Council's water reticulation crew attended four (4) water main breaks and three (3) 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. 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:



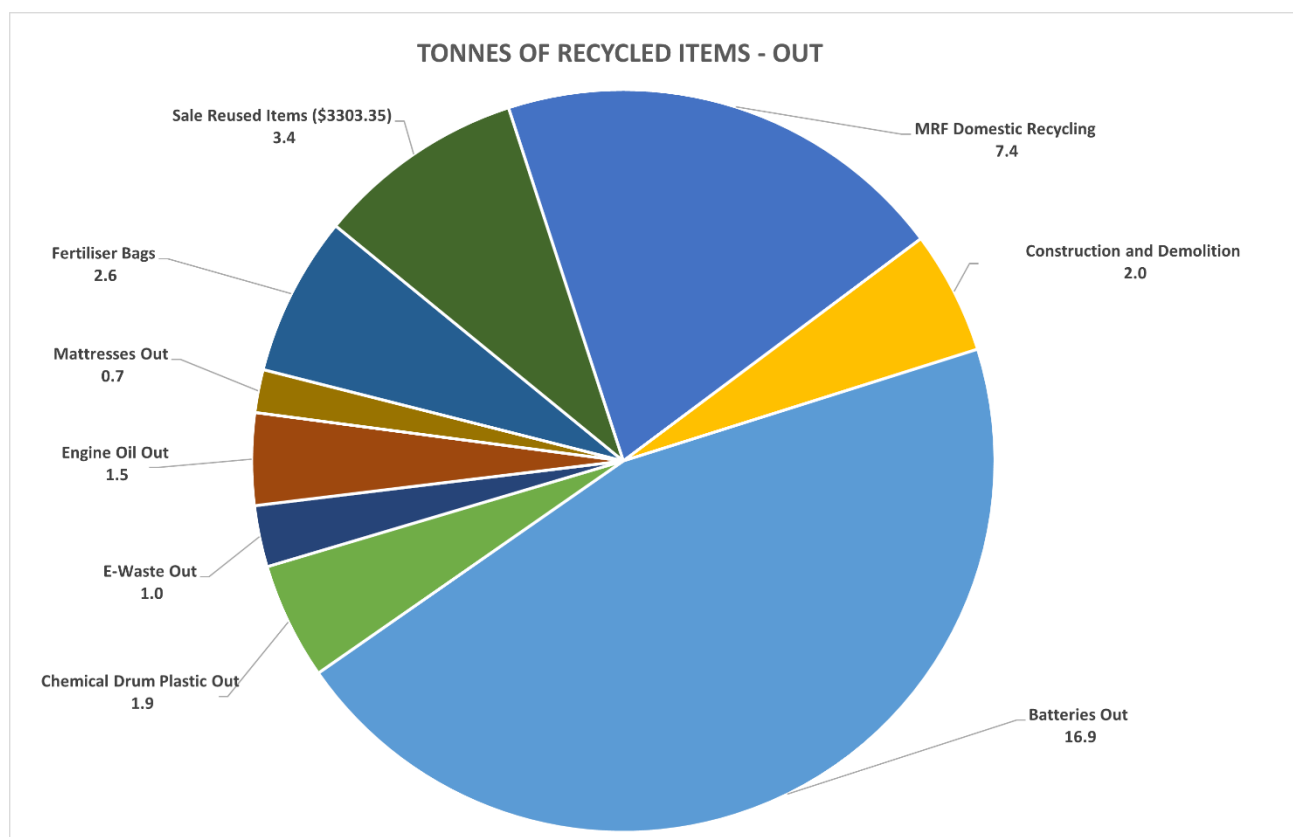
Waste Operations:

Under normal conditions, 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.

On 23 January 2025 a fire started on the tipping floor of the ARRF in Cairns, resulting in Veolia being unable to process waste material in accordance with contract 1396.

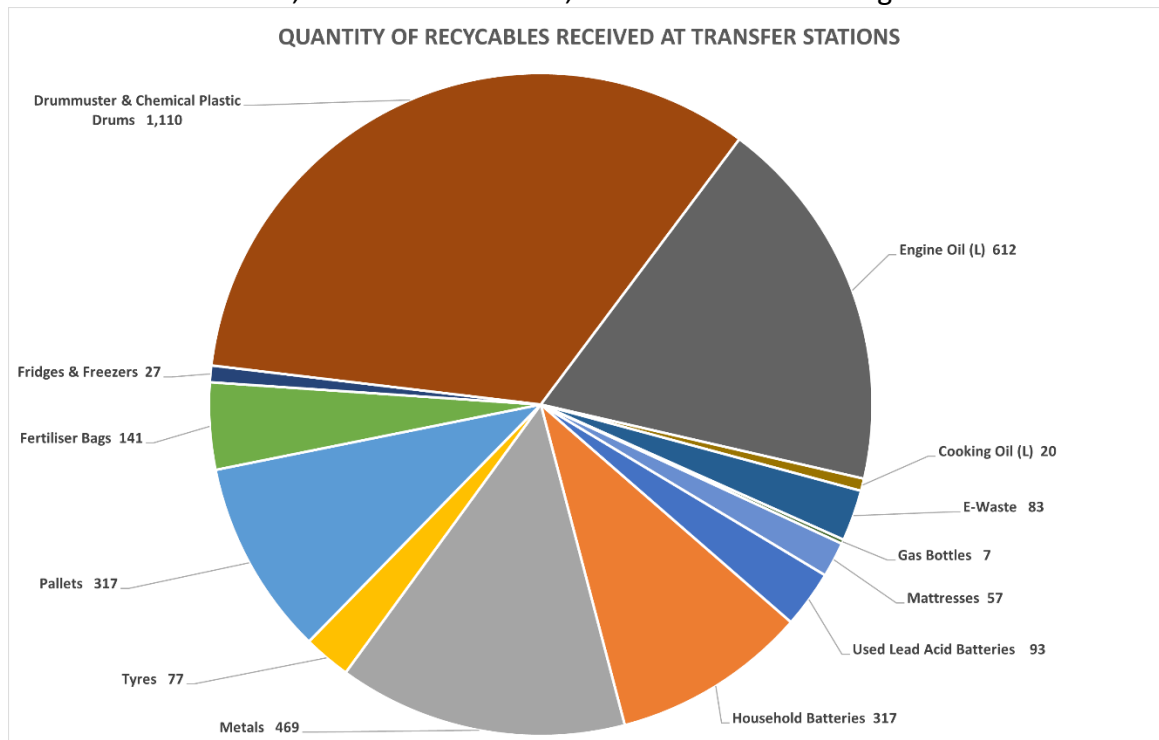
During February all waste collected in kerbside trucks has been transported directly to Springmount Waste Facility rather than being sent down to Cairns for processing. A long term arrangement is currently being negotiated.

During February, no waste was processed through the ARRF, 275 tonnes of waste was sent to Springmount Waste Facility and 7.4 tonnes of domestic items were recycled at the MRF.



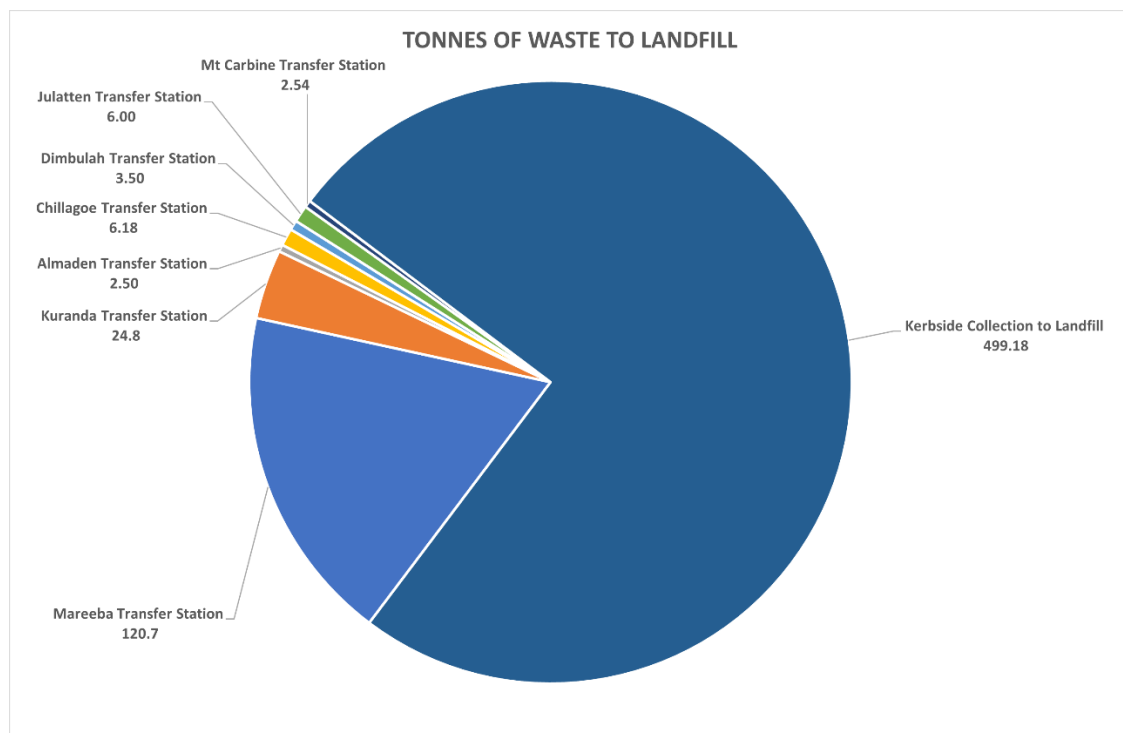
Recycling

Residents continue to recycle at the Transfer Stations. During February the highest count of recyclable received were 1,110 Chemical drums, 469 Metals and 612 Engine oil.



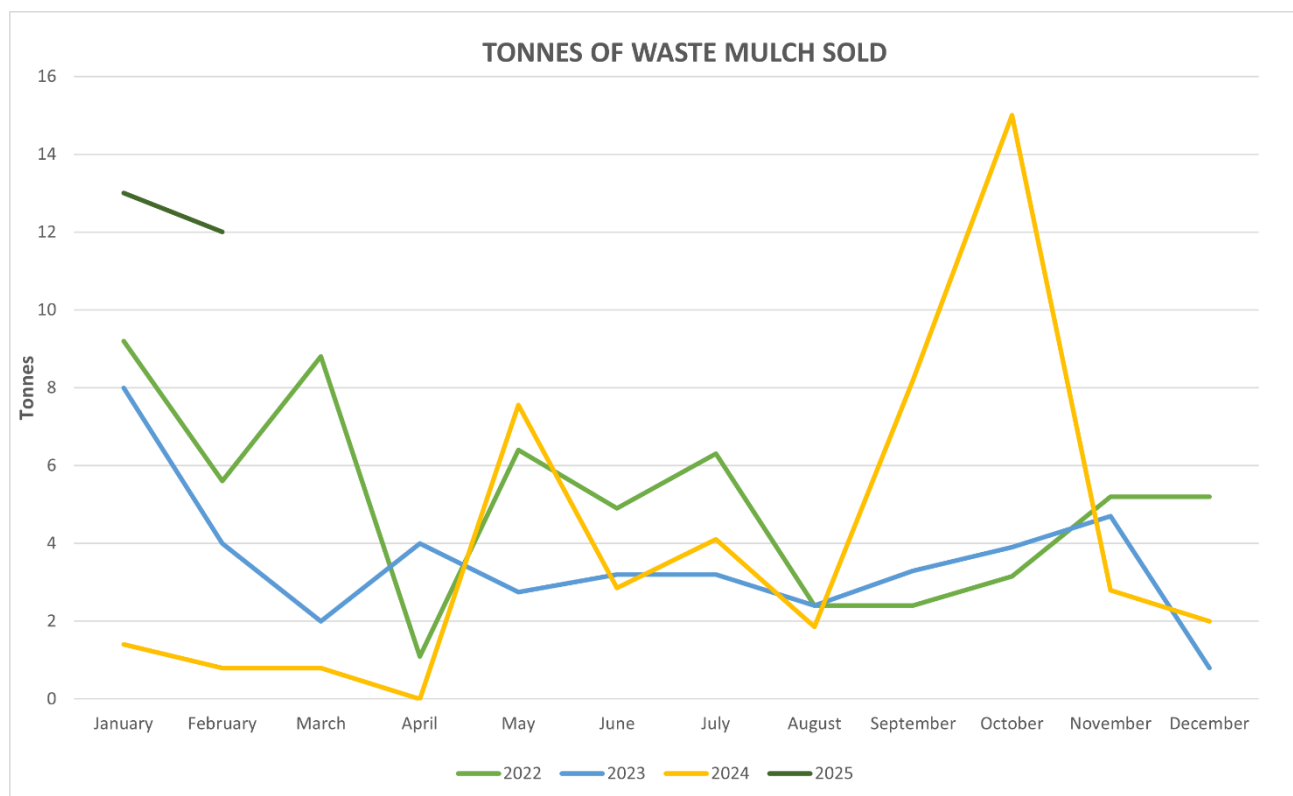
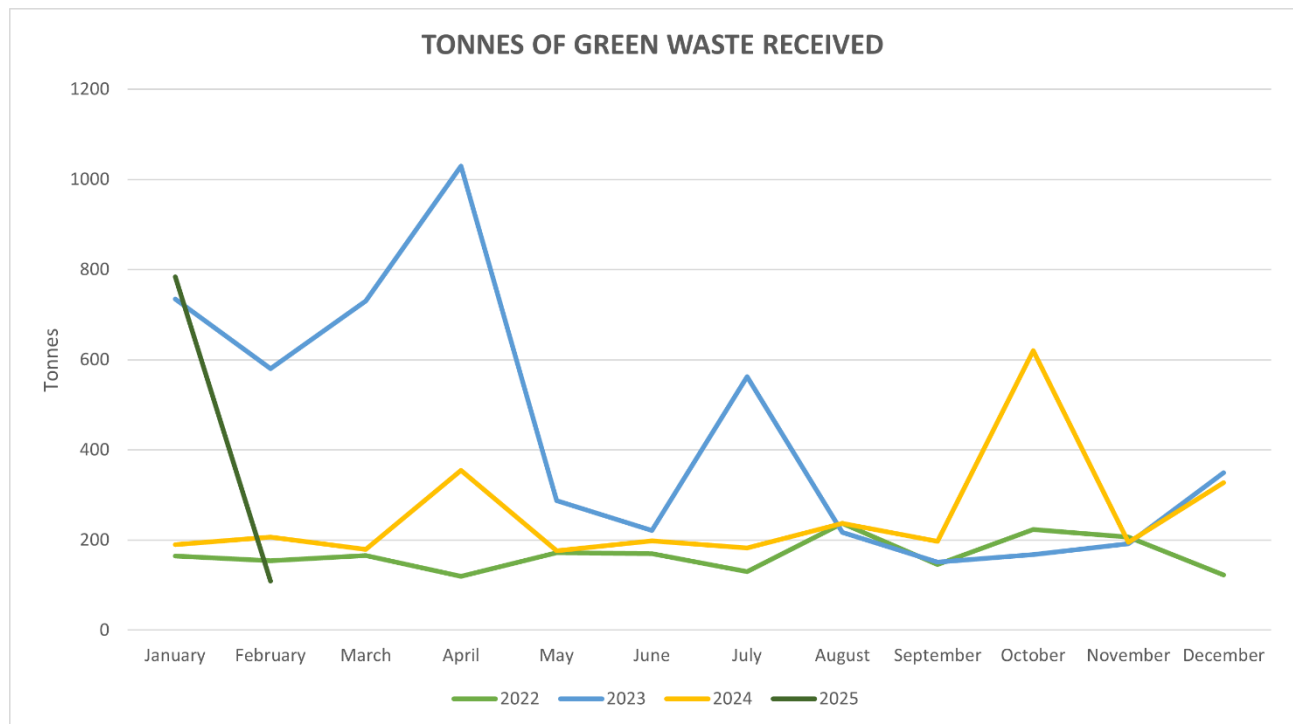
Kerbside Collection Waste and Transfer Station Waste

Kerbside collection waste and Transfer Station dry waste is transported off site to the Springmount Waste Facility. During February a total of 665.4 tonnes of waste was sent to landfill from transfer station dry waste and kerbside collection waste. Kerbside collection contributed 499.18 tonnes to landfill, Mareeba Transfer Station contributed 120.7 tonnes, and Kuranda 24.8 tonnes.



Green Waste:

During February, Council received a total of 109.54 tonnes of green waste. 12 tonnes of mulch was sold. Kuranda recorded 9 tonnes of green waste from locations registered as being potentially contaminated with Electric Ants.



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

9.12 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - FEBRUARY 2025**Date Prepared:** 5 March 2025**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 February 2025.

RECOMMENDATION

That Council receives the Infrastructure Services, Works Progress Report for the month of February 2025.

BACKGROUND

A summary of works completed in February 2025 is provided below.

Transport InfrastructureGeneral Maintenance

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

Activity	Location
Unsealed Road Grading	Black Mountain Road
Bitumen Patching (Area)	Kuranda, Mareeba, Bilwon, Mutchilba, Myola, Top of the Range, Paddy's Green, Chewko, Arriga, Julatten, Koah, Oak Forest, Speewah, Dimbulah
Drainage Maintenance	Andre Street, Barron Falls Road, Beh Road, Butler Drive, Chewko Road, Coconut Grove, Eccles Street, Harriman Street, Hay Street, Ivcevic Road, Orchid Close, Ray Road, Salamone Drive, Shane Court, Springs Road, Stoney Creek Road, Warril Drive, Wolfram Road
Tree Clearing (Area)	Dimbulah, Mareeba, Kuranda, Bilwon, Julatten, Chillagoe, Speewah, Mona Mona, Myola, Oak Forest, Mt Molloy
Herbicide Spraying (Area)	Kuranda, Mutchilba, Bilwon, Mt Molloy, Chillagoe, Dimbulah, Arriga, Mareeba,
Slashing (Area)	Mareeba, Kuranda, Bilwon, Dimbulah, Arriga, Paddy's Green, Julatten, Koah, Lappa, Oak Forest, Chewko,
Road Signage (Area)	Almaden, Arriga, Biboohra, Chewko, Chillagoe, Dimbulah, Forty Mile, Glen Russel, Julatten, Koah, Kuranda, Mareeba, Mt Molloy, Mutchilba, Paddy's Green, Springfield, Watsonville

Customer Requests

During February, the Works Group received 225 Customer Requests (CRs) with 311 resolved (resolved requests include those received prior to February 2025). The table below shows the number of requests lodged per Works Section for the month.

Month	Roads	Parks and Gardens	Pest Management
February	178	41	6

At the time of reporting, the Works Group had 91 open requests.

TMR Routine Maintenance Performance Contract (RMPC)**32A - Kennedy Highway (Cairns - Mareeba)**

- Rest Area Servicing at Edmund Kennedy Bridge
- Herbicide Spraying

34A - Mulligan Highway (Mareeba – Mt Molloy)

- Pothole patching
- Herbicide spraying
- Rural slashing two (2) cut width - Hodzic Road to Mt Molloy

34B - Mulligan Highway (Mt Molloy – Lakeland)

- Rest Area Servicing at Rifle Creek
- Roadside litter collection at Rifle Creek and Mt Carbine Truck Stop
- Remove dumped litter from truck stop
- Edge repair/widening from Desailly's Creek to Mt Molloy
- Rural slashing Spear Creek to Rifle Creek - Full cut both sides where possible
- Rural slashing Mt Molloy to bottom of Desailly's Range
- Clearing Landslip at Reedy St George Bridge
- Repair/Replace Guide Markers

653 - Mossman-Mt Molloy Road

- Rest Area Servicing at Hunter Creek
- Roadside litter collection at Hunter Creek, Environ Park and Lyons Park
- Edge repairs required near Pipe 70 on Rex Range, Nine Mile Store and Highland Drive turnoff
- Herbicide Spraying including Rex Range
- Rural slashing Mt Molloy to Mossman - Full cut both sides where possible
- Pothole patching
- Remove fallen trees on Rex Range
- Re-instate CAM sign
- Repair/Replace Guide Markers

664 - Mareeba-Dimbulah Road

- Herbicide Spraying
- Edge repair/widening
- Erect water over road signs at various locations along road between Maisel's Farm and Borzi Road Arriga
- Pothole patching

6632 - Herberton-Petford Road

- Clearing silt from causeways and minor road repairs along gravel section from Watsonville to Irvinebank

89B - Burke Developmental Road (BDR)

- Eureka Creek Rest Area Servicing and ground maintenance
- Erect warning signage for scours from King Vol-Louisa Creek
- Medium Formation Grade Almaden-Chillagoe
- Clearing silt off Little Pump Creek Almaden
- Erect road closed signage at Eureka Creek causeway

Parks and Open Spaces

Description	Comment
Mowing	Mareeba, Dimbulah, Kuranda, Mt Molloy/Julatten, and Chillagoe mowing is on schedule, mowing every 10 – 12 days as planned
Playing fields mowing	Davies Park now 2x week at 50mm, Borzi Park now 2x week at 25mm, Firth Park weekly at 32mm
General maintenance	Herbicide centre medians and areas inaccessible to street sweeper
Playgrounds	Toddler swing seat replaced Centenary Park, Kuranda. Seat replaced on exercise equipment at Mary Andrews Park
Slashing	Town entrances complete. Slashing Barron Esplanade at time of reporting
Burials	<p>Mareeba Cemetery</p> <ul style="list-style-type: none"> • Three (3) in-ground interments • One (1) Free Standing Mausoleum interment • Two (2) Mausoleum Wall interments <p>Chillagoe Cemetery</p> <ul style="list-style-type: none"> • One (1) ashes in grave interment <p>Dimbulah</p> <ul style="list-style-type: none"> • One (1) in-ground interment
LOA	LOA prisoners at the Mareeba Cemetery, Pioneer Cemetery and Amaroo
Fire Management	Fuel load assessments in Chillagoe, Dimbulah and Mutchilba

Land Protection

Parthenium Weed: Inspections carried out on all sites. All landholders are complying with their biosecurity obligation. Over the current wet season, all sites will be monitored with active sites visited monthly. Other sites, where Parthenium was previously detected but is no longer present, will be monitored quarterly, and then yearly.

Navua Sedge: Roadside herbicide treatment using selective herbicide Sempra on State (TMR) and local roadsides in the Julatten area.

Giant Rats Tail Grass: Roadside spraying of giant rats tail grass on council and TMR roadsides using a selective herbicide Tussock to target GRT working from Mt Molloy to Mareeba.

Electric ants: sentinel site survey for electric ants at Council transfer stations, samples collected and supplied to Bio security QLD, no suspicious samples were collected.

Feral Pigs: 3 Pig traps on loan to landholders in Speewah, Koah and Mt Molloy. Seven (7) pigs trapped in Koah.

Wild dogs: 1080 baiting carried out on one (1) cattle grazing property on the upper Mitchell River catchment totalling 16,242 Ha.

Feral/Stray cats: Customer requests have been received regarding the increase in feral/stray cats in the Byrnes Street business area. Feral cats in town areas are difficult to deal with due to the requirement to trap set in public areas increases the likelihood of traps being damaged or stolen. Several businesses have been approached to allow traps to be set on their property to try and manage the cat population. Any cats trapped are handed over to Local Laws.

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