

## 9 INFRASTRUCTURE SERVICES

### 9.1 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - JULY 2024

**Date Prepared:** 26 July 2024

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**Attachments:**

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

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#### EXECUTIVE SUMMARY

The purpose of this report is to provide an update on capital works projects undertaken by the Infrastructure Services Department during the month of July 2024.

#### RECOMMENDATION

That Council receives the Infrastructure Services Capital Works Monthly Report for the month of July 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 Council Infrastructure:** The provision of quality services and infrastructure for our growing community that is planned and managed using sound asset management principles.

#### IMPLEMENTATION/COMMUNICATION

# Infrastructure Services Capital Works Report

## Project Highlights – July 2024



**Project Name: Anzac Park, Kuranda Park Upgrade**

**Program: Parks and Open Spaces**

### Background

The Anzac Park Kuranda Upgrade was identified as the key priority project in the Kuranda Infrastructure Masterplan 2022-2031, which was adopted by Council in May 2022. The Kuranda Infrastructure Agreement (KIA) Review Stakeholder Reference Group prioritized the Anzac Park Upgrade feature as their highest priority project for the Masterplan for safety and accessibility.

### Scope of Work

The scope of works as agreed during community engagement includes the removal of the water feature, the updating of existing seating, pathways and signage and landscaping.

### Progress Update

Practical completion of the project was reached on 26 July and the park was re-opened to the public. A small section of asphalt is being programmed in August for tree root protection. Council officers are now planning to engage with Kuranda Envirocare to name and signpost significant trees within the park.



*Anzac Park Kuranda Fountain Repurposed as a Rock Garden Feature*



*Anzac Park Kuranda Upgrade Footpaths and Picnic Settings*

# Infrastructure Services Capital Works Report

## Project Highlights – July 2024



*Anzac Park Kuranda Refreshed Garden Beds and New Turf*



## Infrastructure Services Capital Works Report Project Highlights – July 2024



**Project Name:** Mareeba Cemetery New Mausoleum

**Program:** Cemeteries

### Background

The mausoleum wall is frequently chosen for burials rather than a headstone on beam and an additional mausoleum is required.

### Scope of Work

Construct new mausoleum wall with capacity for 60 internments.

### Progress Update

Practical completion was reached in July 2024.



*Mareeba Cemetery New Mausoleum Foundation and Internal Structure Construction*



*Mareeba Cemetery New Mausoleum Structural Completion and Practical Completion*

## Infrastructure Services Capital Works Report Project Highlights – July 2024



### Project Name: Mareeba Water Plant Filtration System Upgrade

#### Program: Water

#### Background

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

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

#### Scope of Works

The scope of works includes:

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

#### Progress Update

Works have progressed well with the contractor doing the electrical and mechanical fit out along with the installation of the filtration under drains and filtration equipment to each of the six filter cells.



*Installation of inlet troughs and electrical and mechanical equipment under way*

## Infrastructure Services Capital Works Report Project Highlights – July 2024



### **Project Name: Mareeba Water Plant Booster Pump Station Project**

#### **Program: Water**

#### **Background**

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

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

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

#### **Scope of Works**

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

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

#### **Progress Update**

Works commenced and have progressed well with the contractor undertaking numerous site works.

Project achieved practical completion Monday 29 July with the successful wet commissioning of the new booster pump set.

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



*Site works generally have now been completed.*

## Infrastructure Services Capital Works Report Project Highlights – July 2024



**Project Name: Mareeba Water Plant Raw Water Pump Station Project**

**Program: Water**

### Background

The existing raw water pump station (including electrical controls) is located below the 1-in-100 year return river flood level presenting an on-going hazard for Council. The project will upgrade the raw water pump station at the Mareeba Township Kowa Street water treatment plant (WTP) to provide a new kiosk-style electrical control station that is located above the 1-in-100 year return flood level, in addition to replacement of the existing pumps with new pumps.

Grant funding for the Mareeba Water Treatment Plant Raw Water Pump Station Upgrade through the Queensland Government Local Government Grants and Subsidies program (LGGSP) and Mareeba Shire Council.

### Scope of Works

The scope of this project is to construct a new Booster Pump Station (BPS) at the Mareeba WTP which includes:

- Modifications to the existing roof opening, hatch replacement, provision of handrails and stairway.
- Demolition works above ground and in the pump well (confined space entry).
- Maintaining RAW water supply for the duration of the works.
- Switchboard manufacture and underground cabling works (electrical and SCADA).
- Staged pump replacement in a confined space dry well (2 No. pumps).
- Pipework modifications, new fittings, and custom S.S. pipework fabrication within a confined
- Staged pump commissioning and overall project commissioning.

### Progress Update

The internal infrastructure has been removed which allowed for installation of the new mechanical and electrical equipment, along with the installation and commissioning of Pump 1 of 2 new pumps.



*Installation of new valving and installation of new infrastructure.*

## Infrastructure Services Capital Works Report Project Highlights – July 2024



**Project Name: Springmount Road Culvert and Curve Widening (Ch 11.35 – 12.7)**

**Program: Rural Roads**

### Background

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

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

The project is jointly funded (50/50) by the Queensland Government under the Transport Infrastructure Development Scheme (TIDS) and by Council.

### Scope of Works

The scope of works includes the widening and bitumen sealing of three narrow sections of pavement and extension of five (5) culverts between Chainage 11.35 and Chainage 12.70.

### Progress Update

The project was completed in early July with the application of line marking and the installation of road furniture.



*Culvert D – Before*



*Culvert D - After*



*Ch 11280 - Before*



*Ch 11280 - After*

# Infrastructure Services Capital Works Report Project Highlights – July 2024



*Ch 12020 - Before*



*Ch 12020 - After*



*Culvert B - Before*



*Culvert B - After*



*Ch 12450 - Before*



*Ch 12450 - After*

## Infrastructure Services Capital Works Report Project Highlights – July 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) kilometre section of Myola Road to extend the pavement’s functional life.

### Progress Update

Part of the section requiring treatment is adjacent to the Kuranda District State College and works were programmed to commence at the start of the June school holidays and will continue until school returns. Works will recommence early August at the southern end of Myola Road when the contractor has completed other prior commitments.



*Milling of failed section near Jarawee Road intersection*



*Milled section prepped for asphalt*



*Completed section*



*Asphalt density testing*

## Infrastructure Services Capital Works Report Project Highlights – July 2024



**Project Name: Springmount Road – Rehabilitate and Widen Collins Weir Intersection and Channel Crossing (Ch 6.7 – 7.55)**

**Program: Rural Roads**

### Background

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

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

The project is jointly funded (50/50) by the Queensland Government under the Transport Infrastructure Development Scheme (TIDS) and by Council.

### Scope of Works

The scope of works includes the relocation of fibre optic cable and a power pole, rehabilitation and widening of the Collins Weir/Springmount Road intersection, the widening to two (2) traffic lanes of the channel crossing and the widening of the existing bitumen seal towards Middle Creek Road.

### Progress Update

In July, all earthworks, culvert extensions and the channel overflow crossing were completed. Several sections of failed subgrade were removed and replaced with rock, bitim and road base.

It is estimated that the project will reach practical completion by the end of August with the bitumen seal booked for 16 August and the intersection asphaltting planned for 18 August.



*Widening existing channel overflow crossing*



*Collins weir Road intersection earthworks*

## Infrastructure Services Capital Works Report Project Highlights – July 2024



*Treating failed subgrade section*



*Importing subbase layer*

## Infrastructure Services Capital Works Report Project Highlights – July 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

Works commenced on site in early July and to date all clearing and grubbing work has been completed. Culvert extensions in Section 1 have been completed and are ongoing in Section 2. Cut to fill operations in both sections are well progressed with subgrade level being reached in a number of locations.



*Cut to fill operations*



*Culvert extension*



*Section 2*



*Earthworks to subgrade level*

## Infrastructure Services Capital Works Report Project Highlights – July 2024



**Project Name: 2024/25 Gravel Resheet Program**

**Program: Rural and Urban Roads**

### Background

Council has an extensive road network which includes 1,639km of unsealed roads. An annual allocation has been provided to undertake re-sheeting of gravel roads throughout the Shire.

The works are funded by depreciation and are carried out generally in conjunction with road maintenance unsealed road grading activities to reduce the cost of mobilisation of plant or as short term fill-in works between more high level projects. Unspent budget funds are rolled over into the next financial year.

### Progress Update

During July, sections of Hurricane Road and Karma Waters Road were resheeted using gravel from existing roadside pits.



*Hurricane Road*



*Hurricane Road*



*Karma Waters Road*



*Karma Waters Road*

Project Code	Project Description	Project Stage	Project Comment
<b>Program: 01 Rural and Urban Roads Reseal Program (Renewal)</b>			
P0001020	23/24 Reseal & Asphalt Program	Completed	Waiting on final invoice for line marking prior to project close out.
P0002042	MBA James St Mill & Fill	Not Commenced	Subgrade investigations to commence in August.
P0003731	24/25 Bitumen & Asphalt Reseal Program	Not Commenced	Program submitted & FNQROC preparing contract documents for ffg Bitumen Pty Ltd.
P0003732	24/25 Gravel Resheet Program	Not Commenced	Gravel resheet & maintenance grade of Hurricane/Karma Waters Roads will be completed 3rd week of August 2024.
P00835	DRFA Gully Betterment	Construction	Works continue on the Gully Betterment Program, crossings in the Western Area underway, on track for completion prior to end of calendar year.
<b>Program: 02 Gravel Resheet</b>			
P0001022	23/24 Gravel Resheet Program	Completed	Gravel resheet & maintenance grade of Hurricane/Karma Waters Roads will be completed 3rd week of August 2024.
<b>Program: 03 Urban Streets</b>			
P0001023	Recovery Way (WTS) Rehab Ch 0.176-0.272	Not Commenced	Quotations to be called.
P0001024	Myola Rd Ch 0.2-3.06	Construction	Milling & asphalt filling works commenced 24 August 2024 and will be completed 2nd week of August 2024 (weather permitting). The bitumen sealing will be carried out early September 2024. Line marking to follow.
P00795	TIDS 23-27 Herberton/Constance Inter	Design	Electrical/Lighting Design finalised end of June, minor modification to civil design to incorporate public feedback and electrical design underway. Undertaking design review to ensure no clashes with Constance St sewer main upgrade.
P00797	TIDS 22/23 24/25 Rankin/Walsh St R'bout	Design	Design underway, anticipate 70% designs by end of August 2024.
<b>Program: 04 Rural Roads</b>			
P0000948	TIDS 23/24 Springmount Rd Ch 11.35-12.7	Completed	Project completed July 2024.
P0000949	TIDS 23-25 Springmount Rd Ch 6.7-7.55	Construction	Culvert extensions complete. Earthworks & drainage complete. Commenced base gravel layer 1 August 2024. The estimated chip seal date is 14 August 2024 and asphaltting of intersection is 16 August 2024 (weather permitting). Line marking & road furniture installation to follow.
P0002040	KDA Barron Falls/Masons Rd/Falls Lookout	Planning	Initial site visits completed. Survey and soil investigations scheduled for Sept/Oct 2024.
P0002041	KDA Barron Falls Rd Thongon-Mason Roads	Planning	Initial site visits completed. Survey and soil investigations scheduled for Sept/Oct 2024.
P0002048	KDA Kuranda Heights Rd Intersection	Planning	Initial site visits completed. Survey and soil investigations scheduled for Sept/Oct 2024.

Project Code	Project Description	Project Stage	Project Comment
P0002050	MBA McIver Rd Rehab & Widen	Planning	Design to be completed prior to end of 2024.
P0002060	KDA Oak Forest Rd Rehab & Widen	Planning	Initial site visits completed. Survey and soil investigations scheduled for Sept/Oct 2024.
P0002066	DIM Leafgold Weir Rd Widen Curves	Planning	Initial site visits completed. Survey and soil investigations scheduled for Aug/Sept 2024.
P0003753	MBA Byrnes St Safety Upgrades	Design	Landscape Architect engaged to produce renders for public engagement prior to commencement. Sites include Byrnes St Centre Medians from Granite Ck to Lloyd St Roundabout, Median Island at BP Service Station, Southern Entry Centre Median at Mareeba Connection Rd Intersection.
P00801	TIDS Ootann Rd Section 1&2 Widen & Seal	Construction	Clear & grub completed for both sections. Culvert extensions in Section 1 completed. Earthworks & drainage ongoing for Section 2.
<b>Program: 05 Bridges</b>			
P0001558	MBA Tinaroo Creek Rd Ada Creek Causeway	Not Commenced	Planning to commence from September 2024. Construction to be programmed in 2025
P0001564	KDA Oak Forest Rd, Barron River Bridge	Procurement	Design complete and preparing for procurement.
P00713	Bicentennial Lakes F/bridge Safety Upgr	Procurement	Handrail will be installed in August 2024.
P00839	Bullaburrah Ck Rd C'way Relieving Slab	Not Commenced	Not commenced.
P00841	Bolton Rd Inspect/Design/Repl Girders	Procurement	Draft Report received, girder replacement to be programmed.
P00843	Barron River Cwy Henry H Dr Repl Slabs	Not Commenced	Not commenced.
<b>Program: 06 Drainage</b>			
P0001021	23/24 Minor Culvert & C/ways Program	Close Out	Completed July 2024.
P0001598	24/25 Renew Minor Culverts & Drainage	Not Commenced	Not commenced.
P0003689	MBA CBD Drainage Upgrade Stage 1	On Hold	Projects to be selected once CBD Masterplan priorities are identified.
P0003690	MBA Ray Rd Culvert Upgrade	Planning	Awaiting outcome of drainage study.
P0003695	Irvinebank Jessie St/Rubina Tce Upgrade	Not Commenced	Not commenced.
P00844	MBA Amaroo Drainage Upgrades	Design	Design finalised, to be handed over to construction.
P00938	Tilse Street Upgrade Drainage	Completed	Developer has reached practical completion. QA documentation and financial close out underway.
<b>Program: 07 Traffic Facilities</b>			
P0000947	Mareeba Aerodrome Safety & Repairs	Procurement	Awaiting fire-fighting system upgrade quotation from Contractors. Line marking and Lighting amendments awarded, works programmed for October 2024.

Project Code	Project Description	Project Stage	Project Comment
P0000951	Anzac Ave LATM Upgrades	Construction	Speed activated signage and line marking works to be completed.
<b>Program: 08 Parking</b>			
P00846	MBA Heritage Centre Carpark Extension	Design	Draft design completed. Engagement to commence prior to procurement and construction.
<b>Program: 09 Footpaths</b>			
P0001026	23/24 Footpath Renewal Program	Construction	RFQ's being prepared for; 1. Lloyd St - Byrnes St to Dunlop St 2. Atherton St - TMR driveway to Constance St
P0001027	23/24 Footpath Upgrade Program	Planning	Proposed to be used to leverage for Walking Local Government Grants program for Constance St footpath connections.
P0001665	Mt Molloy Footpath & Furniture Refurb	Planning	Design to commenced in September 2024.
P0001666	KDA Barron Falls Rd Replace Footpath	Not Commenced	Not Commenced.
P0001742	MBA WNP Constance-Lloyd St Footpath	Design	STIP grant funding application pending.
<b>Program: 10 Parks and Gardens</b>			
P0001029	Kda Com Precinct Parks Upgrade	Planning	Draft master plan to be prepared.
P0001803	Julatten Geraghty Pk Refurb Playground	Not Commenced	Not commenced.
P0001805	MBA Bicentennial Lakes Northern	Not Commenced	Grant announced. Awaiting Australian Government funding agreement.
P0001843	KDA Hunter Park Fallon Rd Bollards	Construction	TRACQS currently installing bollards.
P0001871	MBA Centenary Park Upgrade Fencing	Planning	Planning stage.
P0003670	MBA Amaroo Park Shade	Not Commenced	Not commenced.
P00805	Chillagoe Parks Improvement	Construction	Half basketball court complete. Awaiting contractor to replace Pat Kinnear Hall playground sand edge. Tentatively booked for mid August 2024.
P00807	KDA Centenary Park Playground Upgrade	Construction	Footpath improvements to be programmed as part of Coondoo Street Upgrade Project.
P00809	MBA Bicentennial Lakes (Southern) D&C	Construction	Assessing options to address ongoing damage to gardens on the slide embankment at the new playground. Replacement of arched footbridges with accessible footbridges has commenced.
P00860	KDA Anzac Park Landscaping	Construction	Landscaping complete. Picnic tables and chairs installed. One remaining concrete pad and picnic table to be installed.
P00861	KDA Coondoo Street Refurb	Planning	Deed of Agreement with Queensland Government being developed. Works to commence once agreement is signed.

Project Code	Project Description	Project Stage	Project Comment
:P00862	KDA CBD Planter Boxes & Gardens	Planning	Deed of Agreement with Queensland Government being developed. Works to commence once agreement is signed.
<b>Program: 11 Water</b>			
:P0001036	23/24 AC Water Main Replace Program	Completed	Project substantially complete with some minor works remaining.
:P0001037	23/24 Water Telemetry/SCADA Upgrades	Completed	User training scheduled for August 2024.
:P0001038	23/24 Retic Valve/Hyd Replace Program	Construction	New valves to be installed Lerra and Byrnes St.
:P0002670	FY24/25 - WTP Minor Infrastructure	Procurement	Quotes for the works being sourced prior to awarding of the works.
:P0002671	FY24/25 - Water Main Replacement	Construction	Project tender now awarded and pre-start meeting scheduled for 5th September 2024.
:P0002672	FY24/25 - KDA WTP Turbidity Meters	Procurement	Equipment has been ordered with long delivery lead times.
:P0002674	FY24/25 - DIM WTP Turbidity Meters	Procurement	Equipment has been ordered with long delivery lead times.
:P0002675	FY24/25 - Replace Chlorine Analysers	Procurement	Equipment has been ordered with long delivery lead times.
:P0002677	FY24/25 - Telemetry/SCADA Upgrades	Planning	Works will be done in conjunction with operational staff and suitably qualified contractors once a scope of works is finalised.
:P0002680	FY24/25 - Hydrants & Valve Renewal	Planning	A program of works has been developed and will be undertaken throughout the 2024-25 FY.
:P0002682	FY24/25 - Irvinebank Ibis Dam PS	Planning	Quotes to be sourced from suppliers for the acquisition and installation.
:P0002683	FY24/25 - DIM WTP Pump Replacement	Planning	An assessment on the pumps will be undertaken during the November 2024 servicing works schedule.
:P0002684	FY24/25 - Smart Meters Replacement	Construction	Works has commenced and will be ongoing throughout 24-25 FY.
:P0002761	FY26/27 - MBA WTP Reservoir Upgrade	Design	Project design is underway to meet grant funding requirements with actual construction project works subject to further grant funding.
:P0002762	FY24/25 - MBA WTP Refurbish Clarifiers	Procurement	Out to Tender.
:P0002764	MtM Replace Hunter Ck Weir	Planning	Dam specialist from GHD has undertaken an initial inspection which identified a need to progress to formal assessment and reporting on the weir.
:P0002921	MBA Booster Pump Station Relocation	Planning	This project will commence once the new water booster station at the Mareeba WTP formally comes online during September 2024.
:P0003667	FY24/25 Irvinebank Ibis Dam Valves	Planning	The procurement process will commence shortly and it is anticipated that the new valves will be installed prior to the wet season.
:P0003668	CHI Renew Water Line	On Hold	On hold pending confirmation of costs for the water main replacement project for 2024-2025.
:P0003734	MBA WTP Fuel Pod For Generator	Procurement	Procurement underway.

Project Code	Project Description	Project Stage	Project Comment
P00730	Mba WTP Study for Upgrade of WW System	Construction	Works are likely to be completed by end of September. Other key projects at the Mareeba WTP need to be commissioned before this project can be finalised.
P00733	BOR6 MWTP Filtration Upgrade	Construction	Project is progressing with the mechanical and electrical fit out.
P00824	MBA Clear Water Booster Pump Station	Construction	Project has reached practical completion following a successful wet commissioning.
P00874	MBA WTP Raw Water Pumps & Electrics	Construction	Project is progressing well with one new pump running and commissioned. Contractor now removing last old pump and installing new pipe work and pumping equipment.
P00876	BOR6 22/23 Water Forward Design Program	Completed	Qld State Govt agreed to use funds for the design of a 10ML water reservoir, design completed June 2024.
P00878	MBA Decommission Basalt St Elevated Tank	Planning	This work will be done in conjunction with the final commissioning of the booster pump station.
P00879	MBA Decommission Granite Ck Pump Station	Planning	Project will commence after the new water booster station project has had its final commissioning in September 2024.
<b>Program: 12 Wastewater</b>			
P0001040	Mba WWTP Purchase Forklift	Procurement	Forklift ordered and staff have started forklift driver training.
P0001041	Mba WWTP Inlet Works Replacements	Construction	LM Engineering engaged to complete the works.
P0001043	Atherton St Pump Station Refurb	On Hold	Construction subject to grant funding.
P0001046	23/24 WW Telemetry/SCADA Upgrades	Construction	User training scheduled for August 2024.
P0001047	23/24 WW CCTV & Relining Program	Completed	Project completed with reduced scope in June 2024. Balance of works subject to comprehensive condition review.
P0001049	23/24 WW Manhole Rehab/Replace Prog	Completed	Project works are completed and the project can be closed out once commitments are cleared.
P0001050	Kennedy Hwy PS Control Board Upgrade	Construction	Works scheduled for October 2024.
P0001053	23/24 WWPS Refurbishment Program	Construction	Works scheduled for September and October 2024.
P0002474	FY24/25 - MBA Sewer CCTV & Reline Prog	Planning	Planning.
P0002475	FY24/25 - WW Pump Station Ancillary	Not Commenced	Site assessments were done in 2023-2024 FY and an RFQ will be developed and issued during September / October 2024.
P0002476	FY24/25 - WW Reticulation Pumps Renewal	Not Commenced	Pumps will be assessed during routine maintenance and servicing scheduled for November 2024 and May 2025.
P0002477	FY24/25 - Telemetry/SCADA Upgrades	Not Commenced	Program of works will be undertaken throughout the 24-25 FY.
P0002479	FY24/25 - Pump Station Generators x 2	Planning	Arranging RFQ for the supply and delivery of generators.
P0002480	FY24/25 - Manhole Rehab & Replace	Procurement	Project currently out to tender, once the tender closes and assessment will be made with a workshop brief to Councillors prior to awarding.

Project Code	Project Description	Project Stage	Project Comment
P0002481	FY24/25 - MBA Constance St Rising Main	Planning	Project is currently in grant funding application preparation stage.
P0002482	FY24/25 - KDA WWTP Renew Control Panels	Construction	RFQ was issued and Circuitree Electrical Solutions undertaking electrical works with NQ Wastetrans doing the excavation works.
P0003715	KDA WWTP Renew 6x4m Shed	Procurement	Quotes being sourced prior to awarding of works.
P0003722	KDA WWTP Renew 6x6m Shed	Procurement	Quotes being sourced prior to awarding of works.
P00889	22/23 MBA Sewer CCTV & Relining	Construction	Sewer reticulation smoke detection and CCTV imaging works currently underway with an expected completion timeframe of end of August 2024.
P00894	Minor WW Pump Station Refurbishments	On Hold	Subject to grant funding.
<b>Program: 13 Waste</b>			
P0002216	KDA TS New Ablution Block	Procurement	Project went to RFQ 24 July closing 23 August 2024 as Design & Construct.
P0002220	MBA TS Leachate Pump Annual Program	Not Commenced	Pumps will be assessed for replacement during routine servicing in November 2024 and May 2025.
P0002221	MBA TS Leachate PS Pump	Not Commenced	Not commenced.
<b>Program: 15 Fleet</b>			
P0001067	Fleet Replace #401 Mini Excavator	On Hold	On hold.
P0001071	Fleet Replace #1231 Toyota WW	Procurement	Vehicle has been ordered.
P0003738	Replace Asset 741 Street Sweeper	Not Commenced	Project is in planning phase.
P0003739	Replace Asset 620 Job Truck	Planning	Project is in planning phase.
P0003740	Replace Asset 1255 Toyota Hilux	Planning	Project is in planning phase.
P0003741	Replace Asset 1274 Toyota Hilux	Planning	Project is in planning phase.
P0003742	Replace Asset 4052 Kubota Mower	Planning	Project is in planning phase.
P0003743	Replace Asset 5005 MF Tractor/Loader	Planning	Project is in planning phase.
P0003752	Replace Asset 3010 Toyota Landcruiser	Planning	Project is in planning phase.
<b>Program: 16 Depots and Council Offices</b>			
P0001064	Mba Depot Admin Building Refurb	Construction	Kitchen and toilet refurb works continuing. Estimated completion mid-August 2024. Chubb security install works commenced.
P0001597	CHI Depot Office Renewal	Planning	Planning stage.
P0003737	MBA Kowa St External Staff Training Room	Procurement	Procurement stage commenced.

Project Code	Project Description	Project Stage	Project Comment
P0003765	MBA Kowa St Depot Fuel Bowser	Planning	Procurement commenced. RFQs close 19 August 2024.
P00759	Kowa St MSC Depot Emergency Generator	Planning	Proposal to be finalised in preparation for suitable grants.

**Program: 17 Community Buildings**

P0001059	Mba/Dim Aquatic Condition Assessment	Planning	RFQ development has begun, intent to release to market Late August 2024, with delivery of project prior to end of year.
P0001632	Annual Toilet Refurbishment Program	Not Commenced	Planning stage.
P0001637	KDA Library Paint & Roof Improvements	Not Commenced	Not commenced.
P0001639	Annual Minor Building Refurbishment	Not Commenced	Not commenced.
P0001646	KDA Recreation Centre Improvements	Not Commenced	Not commenced.
P0001664	Annual Facilities LED Lighting	Not Commenced	Not commenced.
P0002909	DIM Memorial Hall Park Lighting Upgrade	Planning	Planning stage commenced.
P0003718	MBA Davies Park Field 2 Lighting Upgrade	Design	Design stage commenced. Construction subject to Grant Funding.
P0003729	MBA Aquatic Centre Pool Expansion Joints	Not Commenced	Preliminary investigations to be commenced September 2024.
P0003756	MBA Davies Park Field 1 Lighting Upgrade	Design	Design stage nearing completion.
P00749	Aquatic Facility Upgrades & Splash Park	Construction	Awaiting Ergon acceptance of work requests in order to facilitate connection works for the capacity increase to 240amos.
P00793	MBA Women's Restroom Refurb	Planning	Investigations for options to be commenced September 2024.
P00819	22/23 Shire Toilet Facility Repl Program	Construction	Arnold Park Toilet Repairs/Refurbishment following significant vandalism incident. Doors installed, painting will be completed by end of August 2024.
P00909	KDA Aquatic Cnt 25m Pool Aquaris Upgrade	Procurement	Delays due to contractor availability, works remain required.
P00941	23/24 Park/Sporting LED Lights Arnold Pk	Design	Reviewing Electrical Engineering Report before going out to Quote.
P00942	22/23 DIM Town Hall A/C/Solar/Lighting	Construction	Waiting on Main Switch Board supply. Tentatively booked for mid to late August 2024.

**Program: 18 Non-Infrastructure Items**

P0000946	Mba Cemetery New Mausoleum Wall	Completed	Practical completion reached. Awaiting last of invoicing from contractor.
P0001085	Mba Cemetery Expansion Planning	Planning	Investigations into concept options identified, to commence September 2024.
P0003684	MBA New Cemetery Lawn Plaque on Beam	Not Commenced	Not commenced.



<i>Project Code</i>	<i>Project Description</i>	<i>Project Stage</i>	<i>Project Comment</i>
P0003716	MBA Smartnet GPS Base Replacement	Planning	Documents being prepared for RFQ's via Vendor Panels.
P0003717	KDA Heights Cemetery Lawn Plaque on Beam	Not Commenced	Not commenced.
P00446	Kuranda New Cemetery	Construction	Cemetery completed and available for internments. Gabion wall design and procurement commenced.
P00932	MBA MIP Expansion	Design	Quotations for Detailed Design of next stage to be invited from early August 2024.

**9.2 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - JULY 2024**

**Date Prepared:** 26 July 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 July 2024.

**RECOMMENDATION**

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

**BACKGROUND**

**Technical Services**

Design, quality, and investigations:

Investigation activities undertaken in July included:

Activity	Current Requests	Closed Requests
Road Infrastructure Review	66	9
Drainage Investigations	36	2
NHVR Permit Applications	0	24
Traffic Count Surveys	0	5
Parks Investigations	4	0
Miscellaneous e.g. Planning; Local Laws	25	18
Before You Dig Requests	0	179

Soil Laboratory:

Council's Soil Laboratory provides NATA-accredited soil and material testing for internal and external services. The extended wet season has continued to limit the quantity of testing in July, however 296 tests were completed 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	7 Haren Street	On-maintenance
Mareeba	Mareeba Roadhouse and Accommodation Park, Williams Close	On-maintenance - Monitoring
Kuranda	112 Barnwell Road widening	Monitoring

#### Disaster Recovery Funding Arrangements (DRFA)

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

Program	Status
2022 DRFA	Far North Queensland Low Pressure Trough, that occurred 1 – 7 February 2022. The Gamboola Crossing bridge remains the only current project, with approximately 60% of the structure now completed. Work remains on track for completion prior to end of year.
2022 Betterment	Contract has commenced with works planned for completion by end of 2024 dry season.
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'. Emergency response activities continue, with the QRA providing an extension to the Emergent Period. Damage assessments are continuing. Landslip Remediation Projects: Hilltop Close and Barron Falls Road near completion. Julatten, Mt Lewis Road, Bridge and Jarawee Road, Kuranda, Landslip: Council resolved to award following review by QRA. Pre-starts for the works have been completed. Emerald End Road and Carmen Road crossings: Award of Tenders to occur August 2024, with works to be completed by end of year.

**Facilities**

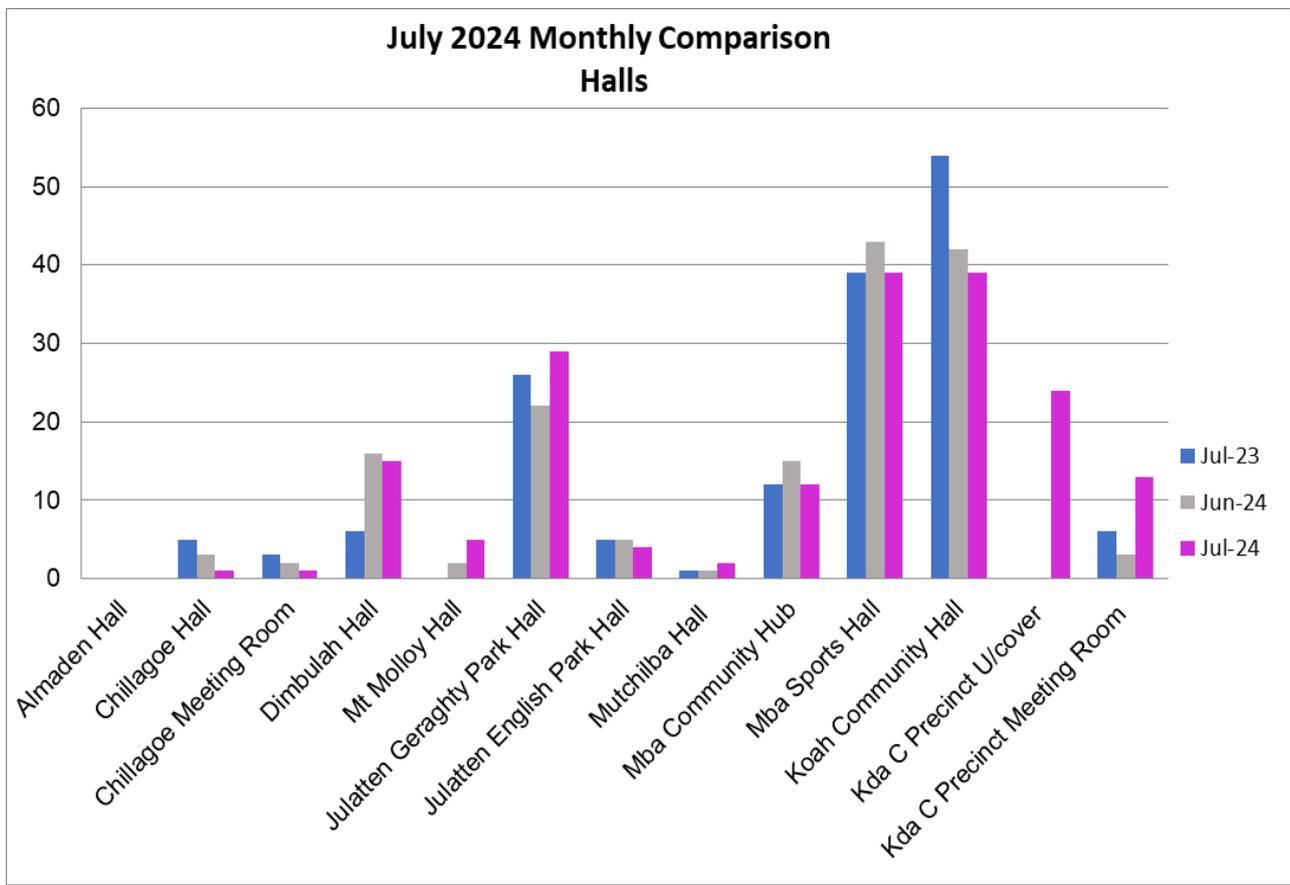
Asset Inspections:

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

Facility maintenance programs, arising from the defect listing, are progressing well with works underway at numerous facilities.

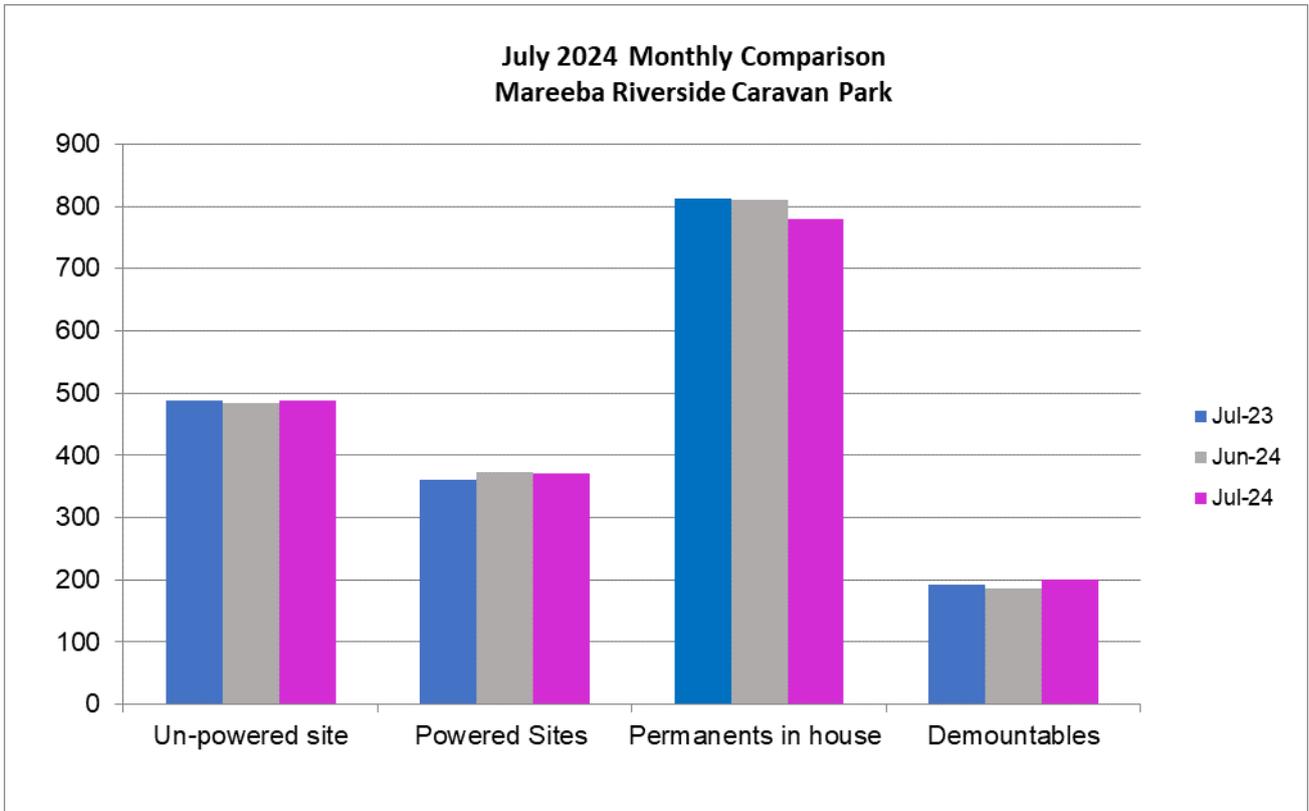
Community Halls:

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

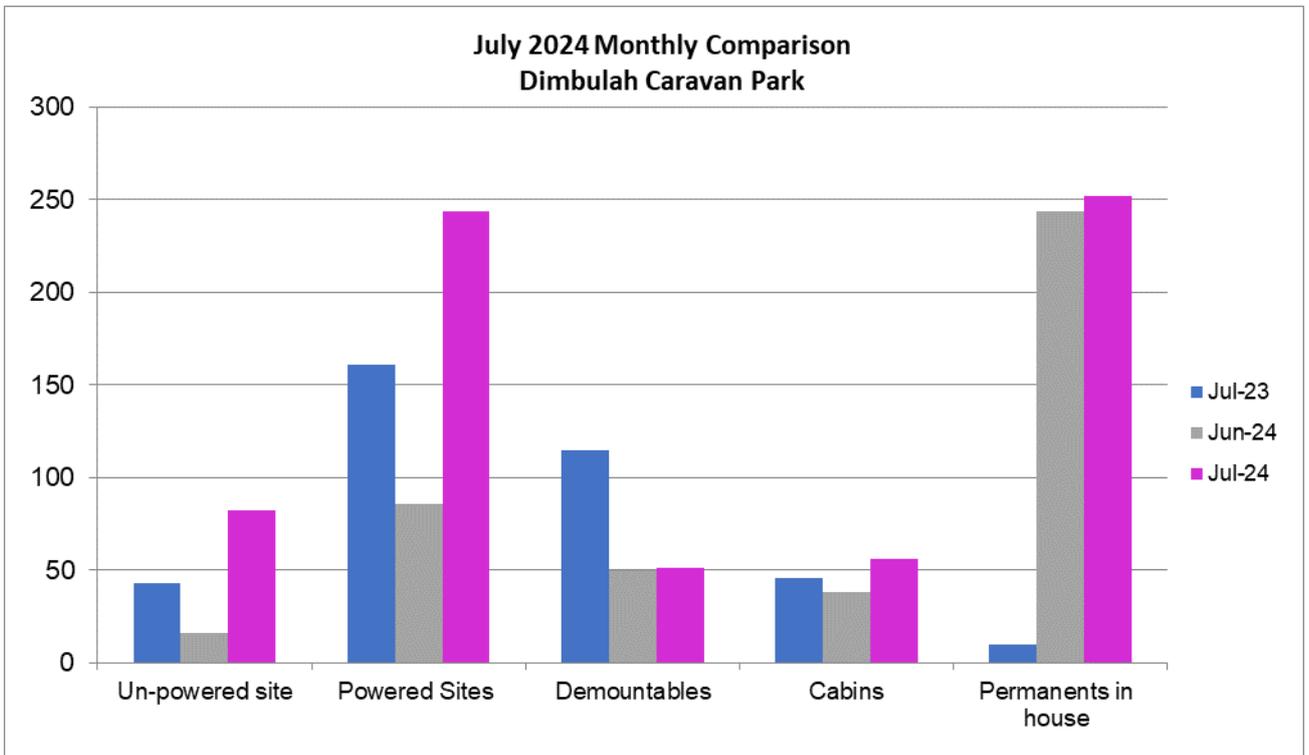


Caravan Parks:

Mareeba Riverside Caravan Park tenant numbers remain stable.

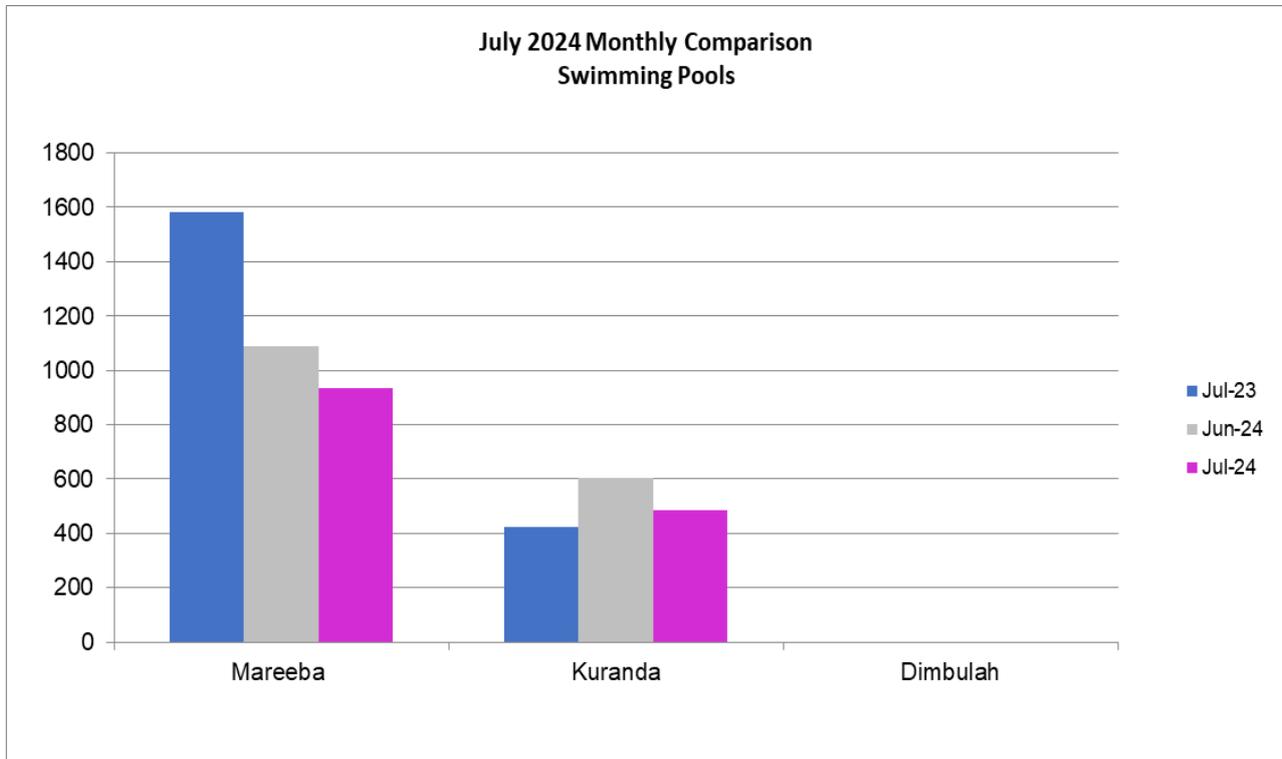


Dimbulah Caravan Park user numbers (total) have improved against previous months numbers, in all categories.



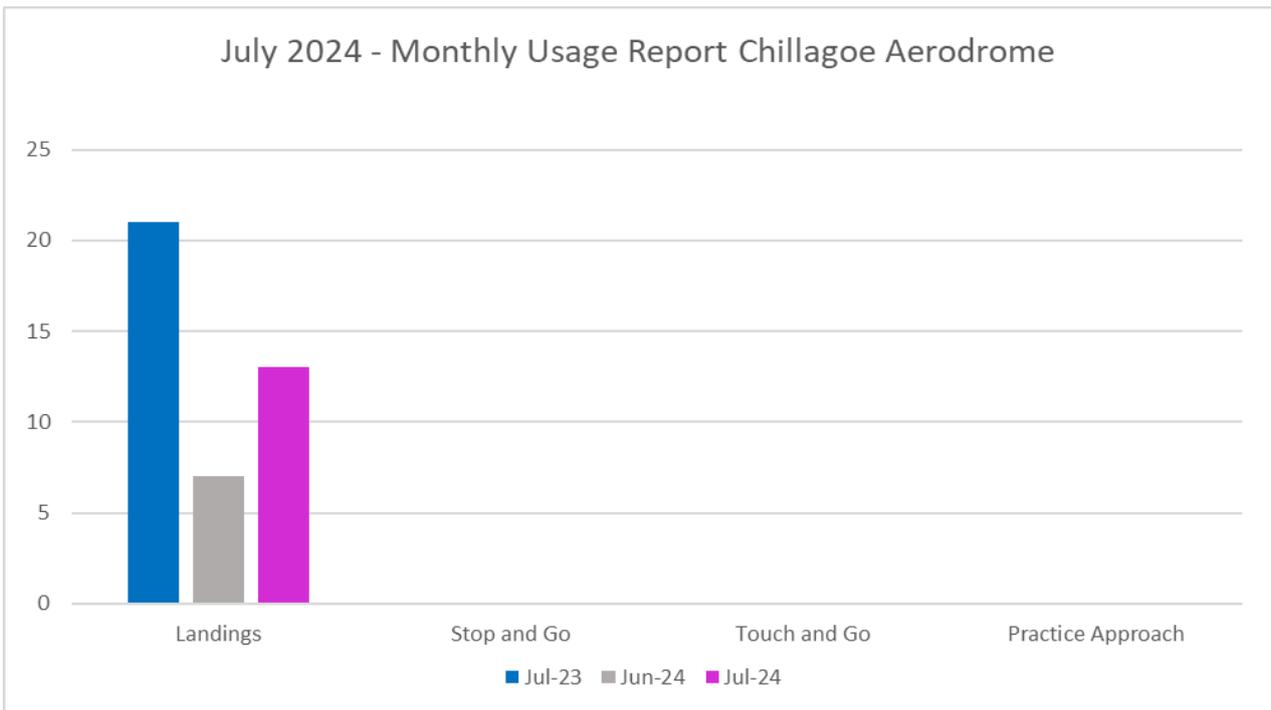
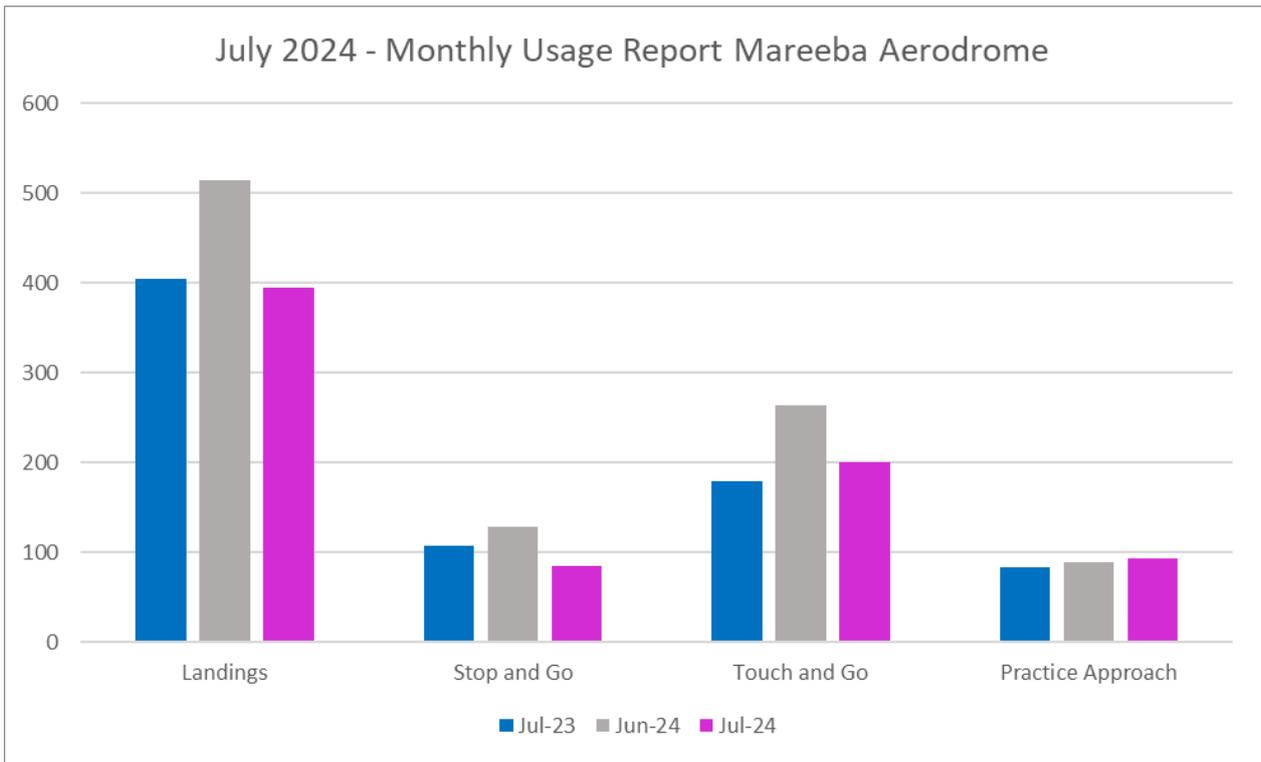
Aquatic Centres

Attendance numbers remain lower than previous month, which may be indicative of the winter slowdown.



Aerodromes:

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



**FINANCIAL AND RESOURCE IMPLICATIONS**

***Operating***

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

**LINK TO CORPORATE PLAN**

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

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

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

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

**9.3 INFRASTRUCTURE SERVICES, WATER AND WASTE OPERATIONS REPORT - JULY 2024**

**Date Prepared:** 26 July 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 July 2024.

**RECOMMENDATION**

That Council receives the Infrastructure Services, Water and Waste Operations Report for July 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)	8423	752	251	414	125
Number of Connections	4,141	1053	127	246	111
Average daily water consumption per connection (L)	2034	714	1975	1681	1129

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

Wastewater Treatment	Mareeba	Kuranda
Wastewater Plant average daily treatment (kL)	2285	211
Number of Connections	3,519	356
Average daily inflow per connection (L)	649	592

**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.

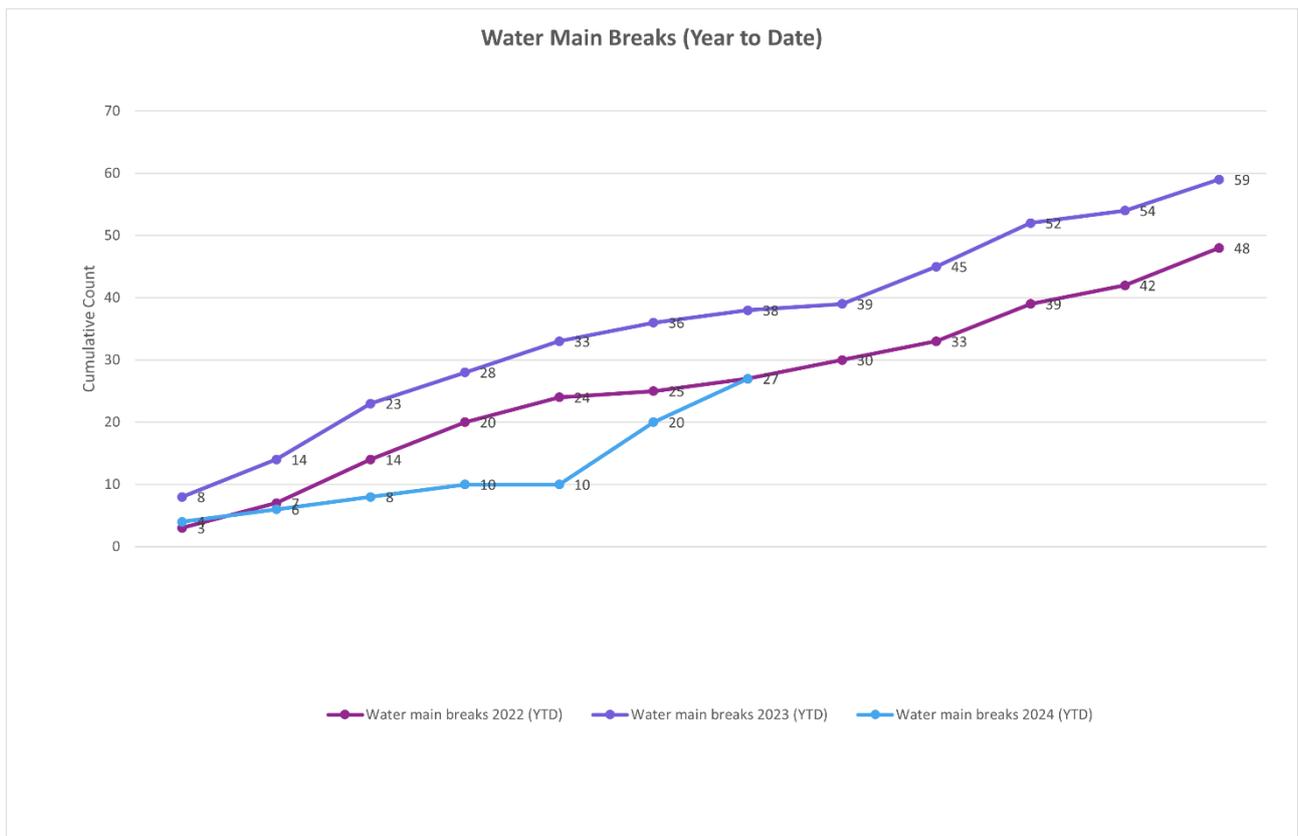
While these works occur at the Mareeba Water Treatment Plant there may be disruptions from time-to-time. As a result, the community has been asked to conserve water and reduce consumption during the upgrades. It may be necessary to introduce water restrictions to enable certainty of water supply to residents.

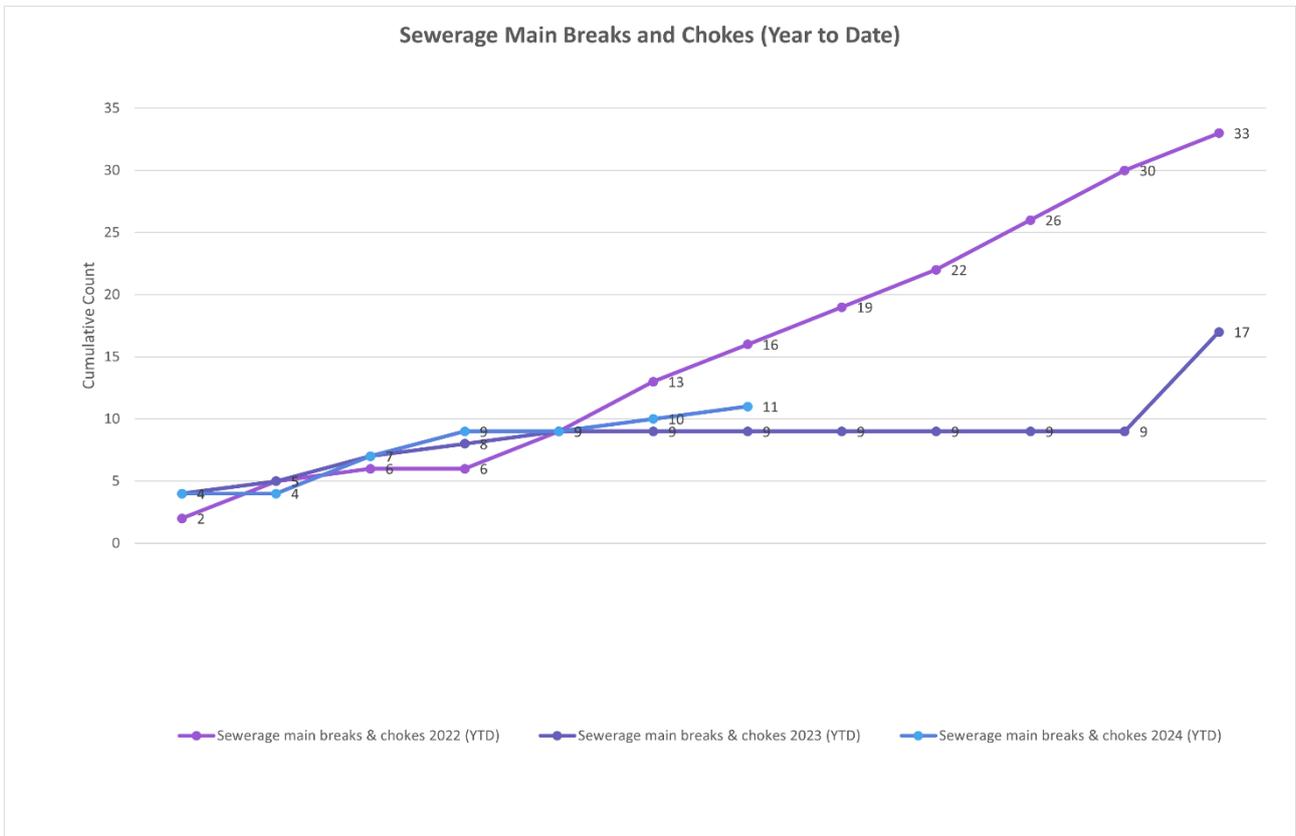
**Water and Wastewater Reticulation:**

Council's water reticulation crew attended to seven (7) water main breaks, and one (1) 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:

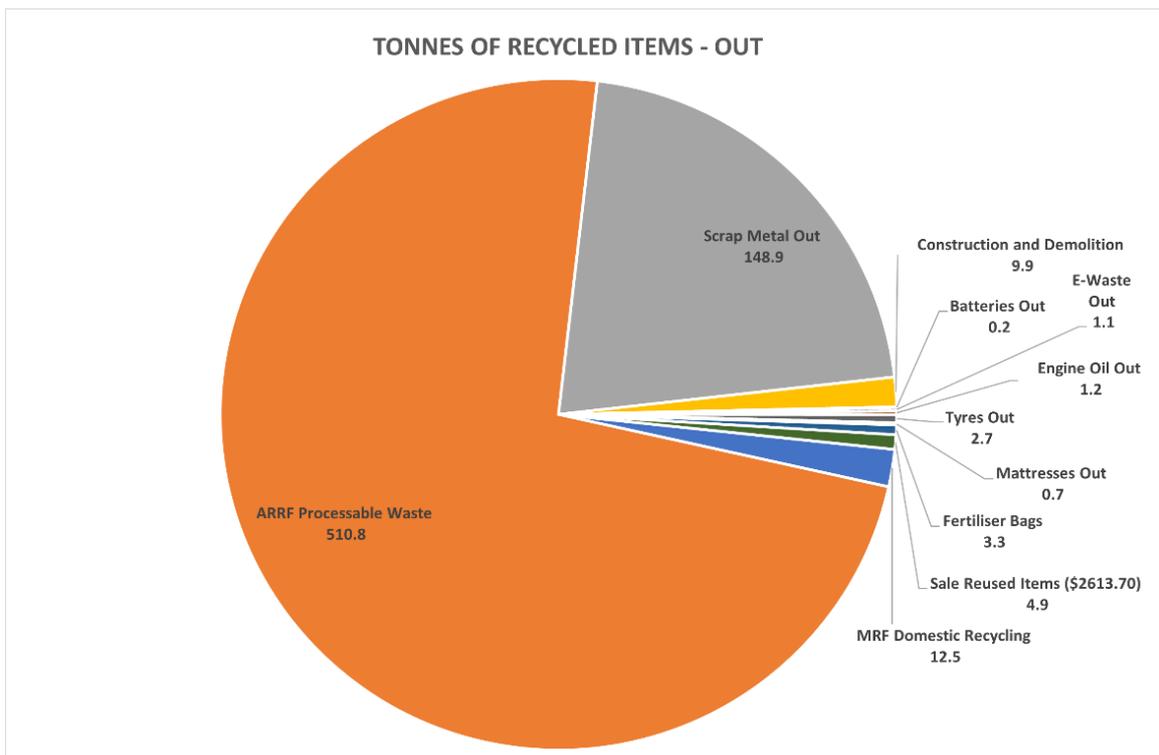




**Waste Operations:**

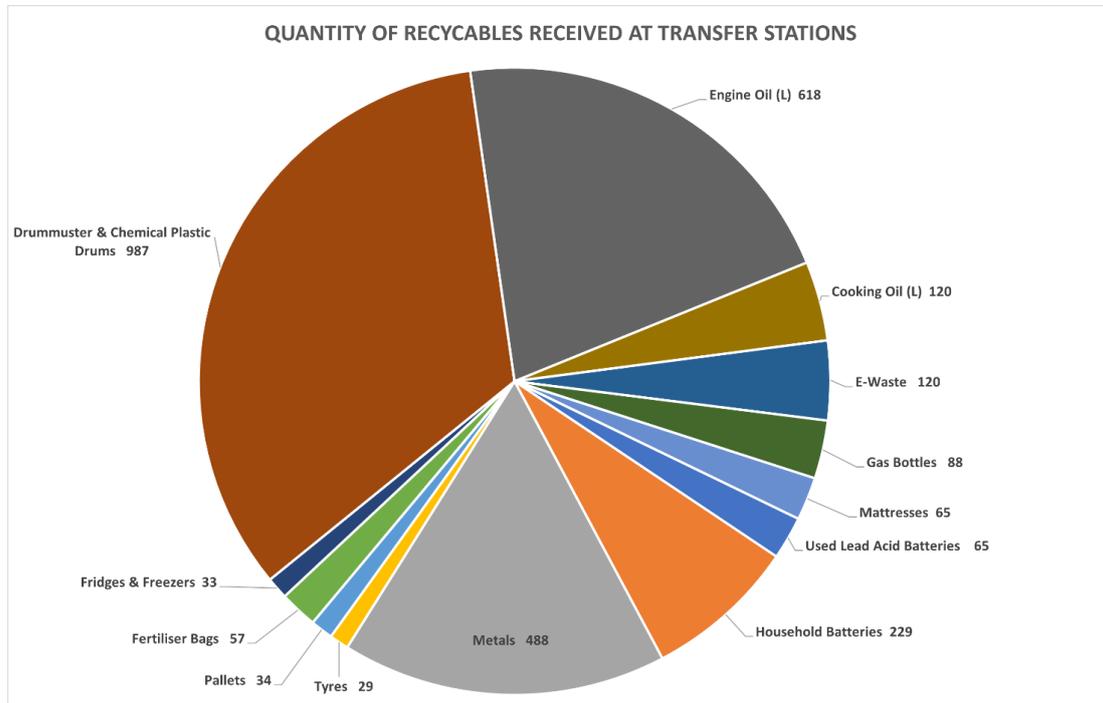
Waste material collected in Kerbside trucks is transported to the Advanced Resource Recovery Facility (ARRF) in Cairns for processing. Residual waste and waste collected at Transfer Stations is transported to Springmount Waste Facility, and recyclable material is transported to the Material Recovery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

During July, 510.8 tonnes of waste was processed through the ARRF, 194.5 tonnes of waste was sent to Springmount Waste Facility and 12.5 tonnes of domestic items were recycled at the MRF.



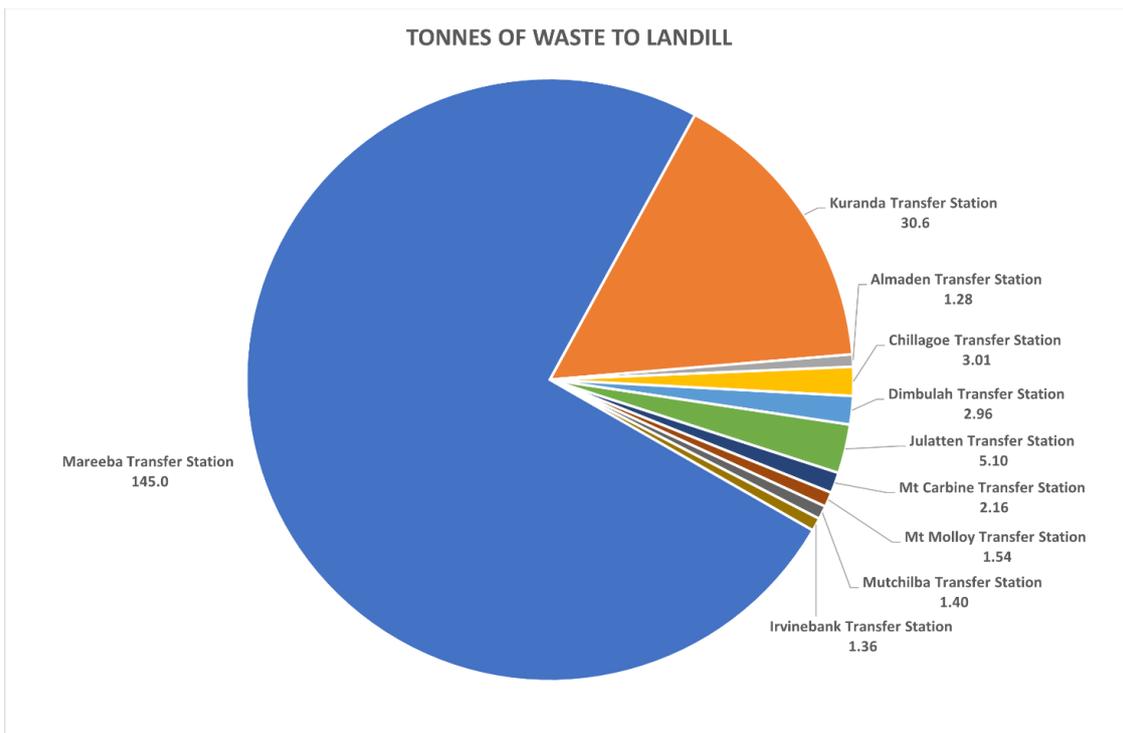
Recycling

Residents continue to recycle at the Transfer Stations. During July the highest count of recyclable items received were 987 DrumMuster chemical drums, 488 items of scrap metal and 229 household batteries.



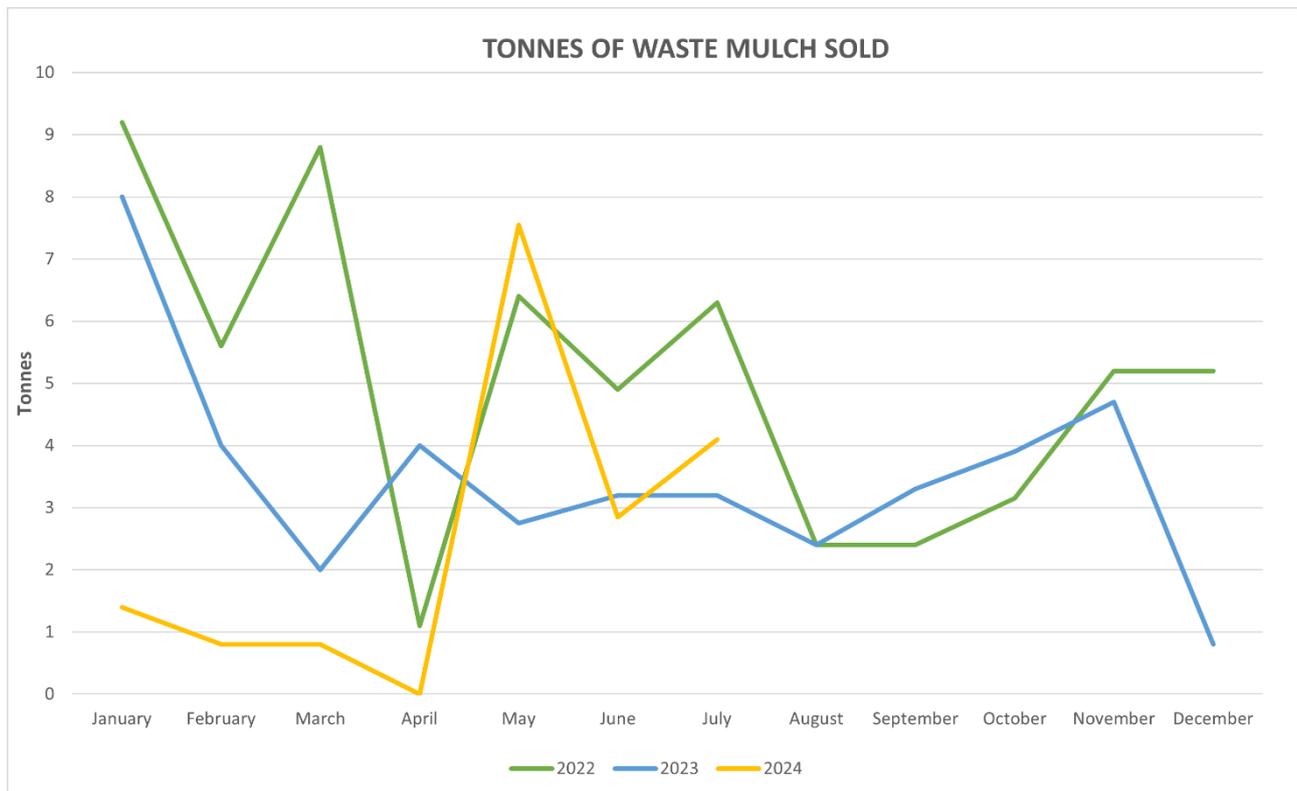
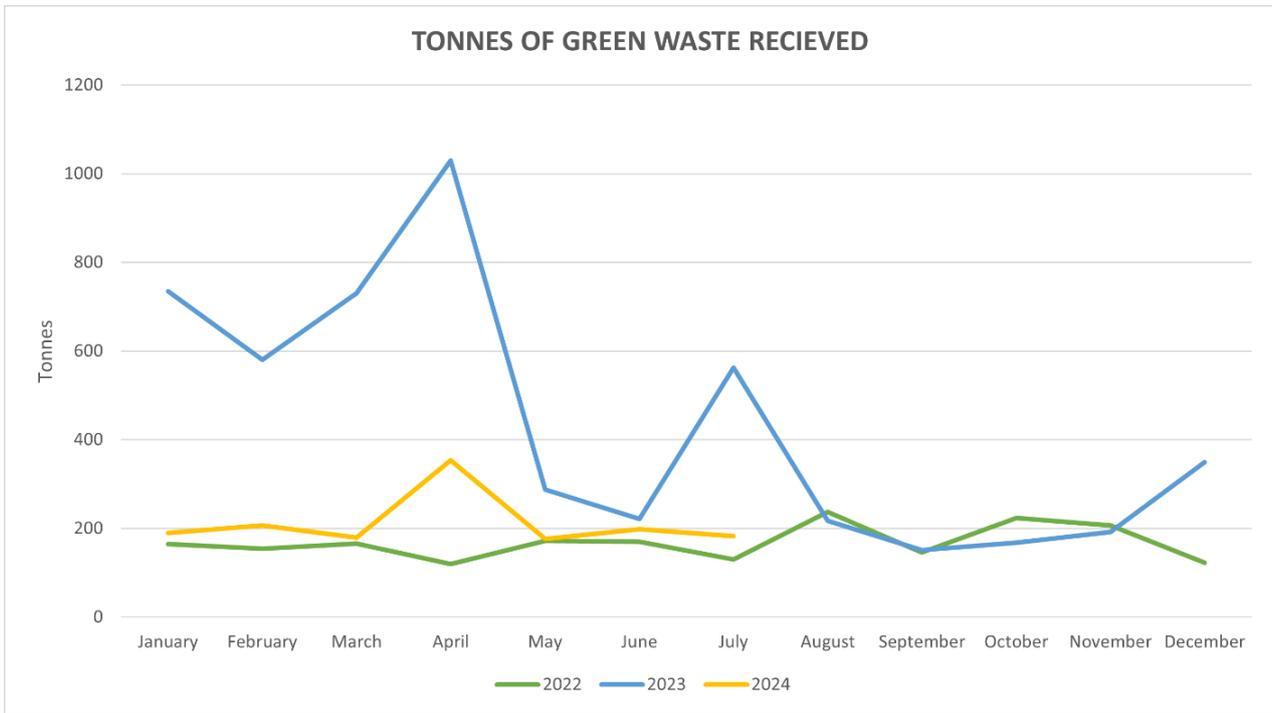
Transfer Station Waste

Transfer Station dry waste is transported off site to the Springmount Waste Facility. During July a total of 194.5 tonnes of waste was sent to landfill. Mareeba Transfer Station contributed to 145 tonnes to landfill, and Kuranda 30.6 tonnes.



**Green Waste**

During July, Council received a total of 182.6 tonnes of green waste. Kuranda recorded 10.8 tonnes of green waste from locations registered as being potentially contaminated with Electric Ants. 4.1 tonnes of mulch was sold during July.



**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**

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

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

**Governance:** Sound decision making based on effective frameworks and clear strategic direction to achieve regulatory compliance while delivering affordable levels of identified services within the Shire.

**IMPLEMENTATION/COMMUNICATION**

Nil

**9.5 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - JULY 2024**

**Date Prepared:** 8 August 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 July 2024.

**RECOMMENDATION**

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

**BACKGROUND**

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

**Transport Infrastructure**

General Maintenance

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

Activity	Location
Unsealed Road Grading	Hodzic Road, Springfield Road, Lappa-Mt Garnet Road, Fossilbrook Road, Bulleringa Road, Mt Cardwell Road, Emuford-Woepen Road, Karma Waters Road, Vallely Road, Bilwon Road, Amber Road, Hurricane Road, Hume Road, Grigg Road, Coyle Road, Cowan Road, McGrath Road, Rogers Road, Bullock Road, Smelter Road, Georgetown Road, Eastern Street, Pont Street, Dow Road, Rush Road, Weir Road, Zillmanton Road, Frew Street, Pioneer Road, Tower Street
Tree Clearing/Vegetation Management	Kuranda, Speewah, Mareeba, Julatten, Chillagoe
Bitumen Patching	Koah Road, Bilwon Road, Oak Forest Road, Tinaroo Creek Road, Chewko Road, James Street, Kimalo Road, Basalt Street, Highland Drive, Myola Road, Euluma Creek Road, Springmount Road, Tyrconnell Road, Chettle Road, Herberton Street, Dillon Street, Emerald End Road, Henry Hannam Drive, Barron Falls Road
Illegal Waste Disposal	Henry Hannam Drive, Chewko Road, Ray Road, Bilwon Road, Carbonate Creek Road, Dillon Street, Roiko Road

Tropical Cyclone Jasper, Associated Rainfall and Flooding

Mareeba Shire Council received advice from the Queensland Reconstruction Authority (QRA) that Disaster Recovery Funding Arrangements (DRFA) has been activated for Tropical Cyclone Jasper, Associated Rainfall and Flooding event.

With ongoing rain and access difficulties the Queensland Reconstruction Authority issued an extension of time to the Emergent and Immediate Restoration submissions for Council controlled roads of a further 90 days to 30 June 2024.

Water levels at crossings in the north-western area of the shire have dropped sufficiently to allow access to crews and contractors to undertake emergent works. Advice from the Queensland Reconstruction Authority is that the emergent period for these roads commences once accessible.

Works Group has now completed all emergent works across the shire.

Overall, 271 roads within the shire recorded expenses for emergent work to temporarily repair damage and maintain access.

Customer Requests

During July, the Works Group received 117 Customer Requests (CRs) with 171 resolved (resolved requests include those received prior to July 2024). The table below shows the number of requests lodged per Works Section for the month.

Month	Roads	Parks and Gardens	Pest Management
July	76	34	7

At the time of reporting, the Works Group had 89 open requests.

TMR Routine Maintenance Performance Contract (RMPC)

**32A - Kennedy Highway (Cairns – Mareeba)**

- Boom slash Edmund Kennedy Bridge approaches
- Rest Area servicing - Edmund Kennedy Bridge

**34A - Mulligan Highway (Mareeba - Mt Molloy)**

- Edge repair/widening
- Cleaning of pipe inlets/outlet
- Callout to clean up oil spill - requested by QPS
- 18 sign replacements
- Tree trim overhanging limbs adjacent to the railway line on the Mareeba northern approaches

**34B – Mulligan Highway (Mt Molloy – Lakeland)**

- Roadside Litter Collection - Rifle Creek and Mt Carbine Truck Stop
- Rest Area servicing at Riffle Creek
- Sign replacements
- Edge repair/widening
- Pothole patching
- Abandoned vehicle removal

**653 – Mossman-Mt Molloy Road**

- Rest Area Servicing at Hunter Creek
- Roadside litter collection - Hunter Creek, Environ Park and Lyons Park
- Cut up and remove large overhanging tree
- Remove illegal dumping/ roadside litter - tent, tyres and general litter
- Rural slashing Mt Molloy-Mossman - Full cut both sides where possible - including traffic control
- Repair MSC 8 Hour Parking Sign
- Pothole patching

**6632 – Herberton-Petford Road**

- Tree trimming

**664 – Mareeba-Dimbulah Road**

- Edge repair/widening
- Sign replacement
- Slashing shoulders to clear vision in preparation of increased traffic for rodeo weekend
- Traffic control for bush fire between Springs and Carmen Roads

**89B – Burke Developmental Road (BDR)**

- Eureka Creek Rest Area Servicing and ground maintenance
- Sign replacement
- Medium formation grade - Chillagoe to Nolan Creek
- Medium formation grade – Nolan’s Creek to Trimble’s Crossing
- Medium formation grade - Almaden to Crystalbrook turn off
- Emergent Works – Ferguson’s to Louisa Creek
- Emergent Works - Install depth markers at the Lynd River Crossing
- Emergent Works - Road repairs along gavel road from Ferguson’s Crossing to MSC Boundary
- Emergent Works - Patch Trimble’s Crossing

**Parks and Open Spaces**

Description	Comment
Mowing	Mareeba, Dimbulah, Kuranda, Mt Molloy/Julatten, and Chillagoe now all on scheduled mowing roughly every 18 – 20 days for unirrigated areas and fortnightly in irrigated zones.
Playing fields mowing	Davies Park once per 10 days at 50mm, Borzi Park once per fortnight at 50mm, Firth Park once 10 days at 40mm.
General maintenance	Mulching of gardens continues and tree trimming for mower clearance and street traffic clearance.
Playgrounds	Minor repairs at Kowrowa/Mantaka playground and replacement swing bumpers pads at Centenary Park.
Projects	Reconfigure irrigation at Amaroo entrance for LAE footpath works.
Burials	Mareeba eight (8) burials – one (1) ashes in columbarium wall, five (5) in ground internments, two (2) mausoleum wall internments.

Description	Comment
LOA	LOA Prisoners continue to be on site at the Mareeba Cemetery for three (3) days per week.
Tree maintenance	Trimming of trees in parks and for street sweeping operations. Contractors trimming vegetation in Kuranda.
Fire management	Mareeba, Mt Molloy, Mt Carbine, Irvinebank, Watsonville and Chillagoe graded and mulched fire breaks are completed.  Two (2) hazard reduction burns have been completed in Mareeba at Adil Road/Hickling Avenue area and the council stockpile site at Zenel Road including a small section near Gallo Drive.  One (1) burn was carried out by the Mt Carbine Rural Fire Brigade between the Mulligan Highway and Mt Spurgeon Road and Brooklyn Village.  The Watsonville Rural Fire Brigade and the Department of Resources completed a burn at Watsonville and a further burn was completed in Chillagoe by Chillagoe volunteers.
Irrigation	Irrigation repairs carried out at - Amaroo, P&OS Nursery, Firth Park, Skyrail Bus Interchange gardens, Kuranda Library, Geraghty Park, Railway Park
Slashing	Mareeba Rail Trail, Shaban Park, Eales Park, Mooraridgi Park, DTMR Bypass Land and Moody Street Road Reserve
Events	Mareeba Rodeo Street Parade, Christmas in July at Davies Park, the Chillagoe Street Parade and the 2024 Irvinebank Festival

### **Land Protection**

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

**Bellyache Bush, Siam Weed and Rubbervine:** Weed cleanup work has continued on Emu Creek, Petford. The area was weed surveyed and any of the target species were hand or mechanically removed along the creek system.

**Siam Weed:** A report of a possible Siam Weed outbreak on a property in Julatten was received by Land Protection Officers in July. The site was surveyed, and a large infestation of Siam Weed was found on a powerline and communications tower access road. Officers foliar sprayed all Siam Weed and Ergon Energy's environmental officer was notified to have workers and contractors treat infestations in future and wash down vehicles before leaving the site.

**Amazon Frogbit:** Foliar spraying of frogbit in the Mareeba Bicentennial Lakes and a survey carried out in Chinaman Creek, Mareeba revealed recent flooding had not flushed out the frogbit with young frogbit detected at the top of the original infestation. Foliar spraying of Chinaman Creek will be undertaken later in the season.

**Feral pigs:** Two (2) traps are currently on loan to landholders in Mt Molloy and Speewah. Six (6) feral pigs were caught and destroyed in Mt Molloy and one (1) was destroyed in Speewah.

**Wild dogs:** Four (4) properties carried out 1080 baiting the Tate and Walsh Rivers area totalling approximately 300,000ha.

## **FINANCIAL AND RESOURCE IMPLICATIONS**

### ***Operating***

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

## **LINK TO CORPORATE PLAN**

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

## **IMPLEMENTATION/COMMUNICATION**

Nil