

9.2 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - MARCH 2023

Date Prepared: 15 March 2023

Author: Manager Assets and Projects

Attachments:

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

EXECUTIVE SUMMARY

The purpose of this report is to provide an update on capital works projects undertaken by the Infrastructure Services Department during the month of March 2023.

RECOMMENDATION

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

BACKGROUND

Council's Capital Works program is focussed on renewal and upgrade of Council infrastructure to achieve Council's corporate vision of "A growing, confident and sustainable Shire". The program is funded through a combination of Council's own funding and external grants and subsidies.

RISK IMPLICATIONS**Financial**

The capital works program is tracking within budget.

Infrastructure and Assets

Projects included in the current capital works program were identified through Council's Project Prioritisation Tool (PPT) which uses a risk-based, multi-criteria approach to rank projects in order of priority. The PPT is aligned with Council's Long-Term Financial Plan and Asset Management sub-plans, which focus of renewal of existing assets.

FINANCIAL AND RESOURCE IMPLICATIONS**Capital**

All capital works are listed in and funded by the 2022/23 Capital Works Program.

LINK TO CORPORATE PLAN

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

IMPLEMENTATION/COMMUNICATION

Infrastructure Services Capital Works Report Project Highlights – March 2023



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

Program: Rural Roads

Background

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

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

Scope of Works

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

Progress Update

Clear and grubbing of batters and drains has been complete and site preparation is underway to replace damaged culverts and extend existing culverts.



Euluma Creek Road Before Clearing and Grubbing



Euluma Creek Road After Clear and Grubbing



Euluma Creek Road Drain Reestablishment



Euluma Creek Road Batter Cleaning

Infrastructure Services Capital Works Report Project Highlights – March 2023



Project Name: 2022/23 Gravel Re-Sheeting Program

Program: Rural Roads

Background

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

Scope of Works

Works consist of reshaping the existing roads, reprofile drainage systems and covering with a suitable gravel at 100mm thick to withstand the wet and dry conditions.

Progress Update

Riley Road, Bump Track and Black Mountain Road in Julatten were re-sheeted on various sections along the roads. Conditions have been challenging with the minor rainfall in the area during the work.



Black Mountain Road Gravel Re-Sheet



Black Mountain Road Gravel Re-Sheet



Riley Road Gravel Re-Sheet



Bump Track Gravel Re-Sheet

Infrastructure Services Capital Works Report Project Highlights – March 2023



Project Name: AC Pipe Renewal Water Main Upgrade Program – Anzac Avenue

Program: Water

Background

An allocation in the Capital Works Program has been provided in the 2022-2023 Capital Works Program to replace the failed existing asbestos cement (AC) water mains. Works are now concentrated along Anzac Avenue to maintain ongoing water supply for properties. This section of water main was identified for replacement following the numerous main breaks occurring in the past few years and in conjunction with Council's water strategy.

Scope of Works

The scope of works included replacement of the existing water main with 300mm PVC Supermain and Ductile iron (DICI) on road crossings, in addition to new service connections, valving and hydrants are being installed.

Progress Update

Works have now recommenced after a monsoon rain interrupted the scheduled program. The continuation of newly installed pipe work and associated fittings is progressing with the stage of works to start at Elisa Street back toward Ferretti Close.



Anzac Avenue installation of the new 300mm diameter PVC Supermain water main

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



Project Name: Mareeba Splash Park and Pool Heating

Program: Parks and Open Spaces

Background

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

Scope of Work

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



Mareeba Aquatic Centre Splash Park Render

Infrastructure Services Capital Works Report Project Highlights – March 2023



Progress Update

The aquatic centre footprint has been extended to accommodate the splash park with the installation of a new retaining wall and perimeter fence. The contractor has undertaken demolition, removal and the reinstatement of old existing concrete aprons that were in poor condition. Electrical connections have been established and installation of the substantial underground pipework network required to service the splash park is continuing. Installation of the 50m pool and children’s pool heating has been progressing in conjunction with the splash park construction project.



Children’s Pool and Splash Park Western



Plumbing and Play Equipment Preparation

Infrastructure Services Capital Works Report Project Highlights – March 2023



Project Name: Riverside Caravan Park, Mareeba. Amenities Block Upgrade

Program: Facilities

Background

The Riverside Amenities Block has reached the end of its useful life and functionality and safety issues were identified. A condition assessment determined that refurbishment was unviable, and a full replacement is required.

Scope of Work

This project will deliver a new concrete block amenities block suitable for a caravan park with epoxy coated concrete floors. The design layout will be equivalent to the existing ablution block and is to include seven (7) single shower cubicles, one (1) disable bathroom and a laundry room. The project includes the provision of a temporary amenities block for the duration of the works.

Progress Update

The roof and external painting are complete and the waterproofing to the wet areas are complete. Project completion is expected in mid-2023.



Riverside Caravan Park Base Construction

Infrastructure Services Capital Works Report Project Highlights – March 2023



Riverside Caravan Park Amenities Construction



Riverside Caravan Park Amenities External Paint



Project Description	Project Stage	Comments
Program: 01 Rural and Urban Roads Reseal Program (Renewal)		
22/23 Reseal & Asphalt Program	Construction	Latest advice from RPQ is that they will be returning to complete reseals in early May, weather permitting.
BETTERMENT Co-Contribution	Procurement	Tenders released, QRA Market Rate approvals will need to be sought prior to award.
Program: 02 Gravel Resheet		
22/23 Gravel Resheet Program	Construction	Riley Road and Bump Track completed. Black Mountain Road commenced. Further works to be programmed to commence after wet season.
Program: 03 Urban Streets		
TIDS Rankin/Walsh St Roundabout	Design	Concept design underway. Construction programmed for 2024.
Program: 04 Rural Roads		
TIDS Euluma Ck Rd Ch7.01-9.325 Rehab	Completed	2nd coat seal completed in February. Line marking completed in March.
TIDS Euluma Ck Rd Ch 9.350-10.130 Rehab	Construction	Clearing and grubbing commenced. Drainage work will commence and crew will then relocate to Springmount Road project , which has a TIDS funding component that will need to be acquitted by 2023 F/Y end. Crew is expected to return to continue this project mid-2023.
TIDS Ootann Rd Section 1&2 Widen & Seal	Design	Stage 1 design complete, Stage 2 design in progress. Construction programmed for 2024.
TIDS Springmount Rd Widen & Seal	Construction	Clearing and grubbing commenced from late 2023. Crew is working on Euluma Creek Road project while awaiting conditions to dry out enough to continue on this project.
R2R Bilwon Rd Rehab & Culverts	Design	Draft design completed late March for review.
R2R Wolfram Rd Stage 3 Priority Sections	Procurement	Works will commence in early April.
Program: 05 Bridges		
Granite Ck Mba Replace Footbridge Deck	Procurement	Project will be commence after current wet season.
Palm Cl Mba Replace Footbridge Boards	Procurement	Project will be programmed for after current wet season.
Bicentennial Lakes F/bridge Safety Upgr	Procurement	Project will be programmed for after the current wet season.
Bullaburrah Ck Rd C'way Relieving Slab	Planning	Programmed for April 2023, weather permitting.
Clohesy River Barron St Inspect & Design	Planning	Draft Report received, review underway.
Bolton Rd Inspect/Design/Repl Girders	Planning	Draft Report received, review underway.
Barron Riv. Bridge Oakforest Rd Insp/Des	Planning	Draft Report received, review underway.
Barron River Cwy Henry H Dr Repl Slabs	Planning	Programmed for April 2023, weather permitting.
Program: 06 Drainage		
22/23 Minor Culvert & C/ways Renewal	Construction	Culvert repairs on McGrath Road, Donlen Street & Mason Street completed. Further works to be programmed to commence after wet season.
MBA Amaroo Drainage Upgrades	Not Commenced	Programmed for May 2023, weather permitting.
MBA Hastings Dr Replace Concrete Pipe	Planning	Investigations and options for repair being prepared
Program: 07 Traffic Facilities		
Mareeba Aerodrome Signage	Completed	Completed March 2023.
Program: 08 Parking		
Borzi Park Mba Carparking Masterplan	Planning	Design to be completed prior end of financial year - June 23.
MBA Heritage Centre Carpark Extension	Design	Concept options have been prepared for review
Program: 09 Footpaths		
MBA Walking Network Plan	Completed	Priority Works Program adopted in March 2023.
KDA Walking Network Plan	Completed	Priority Works Program adopted in March 2023.
22/23 Shire Wide Footpath Renewal Prog	Planning	Program being developed in conjunction with the walking network plans.
22/23 Walking Network Upgrade Program	Planning	Program being developed in conjunction with the walking network plans.
Program: 10 Parks and Gardens		
LRCIP2 Mba Byrnes Street Medians	Construction	Replacement of street litter bins to be underkaen mid-2023 in conjunction with Anzac Park upgrade.



Project Description	Project Stage	Comments
DIM Parks Refresh	Planning	Preparation of options being prepared And costed based on community feedback received in late 2022.
KDA Centenary Park Playground Upgrade	Construction	Construction of playground complete. New park seating has been ordered. Refurbishment of stonework and pathways is currently being planned.
MBA Bicentennial Lakes (Southern) D&C	Design	Survey and community engagement commenced.
MBA Byrnes St Medians	Not Commenced	To be programmed after wet season.
MBA Anzac Memorial Pk L'scaping & Safety	Design	Construction to commence from early May. Community notification commencing from early April.
MBA Byrnes St Traffic Islands (BP)	Not Commenced	To be programmed after wet season.
MBA Connection Rd/Byrnes St Intersection	Not Commenced	To be programmed after wet season.
MBA Costin St Medians	Not Commenced	Work will be programmed for the second half of the current financial year.
KDA Anzac Park Landscaping	Design	Concept options have been prepared for review
KDA Coondoo Street Upper Refurb	Design	Aurecon have submitted the application to Ergon for a price to upgrade Lower Coondoo St to LED lights. Aurecon have supplied the specification for Council to request quotes for the upgrade of Upper Coondoo St.
KDA CBD Planter Boxes & Gardens	Not Commenced	Planning to commence after Coondoo St lighting and hardscaping refurbishments are completed.
DIM Avenue of Trees Irrigation	Not Commenced	Work will be programmed for the second half of the current financial year.
IRV Bill Newburn Park Refresh	Planning	Preparing information for stakeholder and community engagement.
MBA Eastern Catchment Park Amaroo St1	Construction	Construction of playground complete. Master planning of future stages to commence from mid-2023.
Roscommon Park -Renew Exercise Equipment	Planning	Project being scoped in preparation for inviting of quotations.
Program: 11 Water		
Mba WTP Study for Upgrade of WW System	Construction	Works progressing well and now scheduled for completion this financial year.
BOR6 MWTP Filtration Upgrade	Procurement	Project tenders received and assessed with a report on recommendation to award the project to go to council 19 April.
MBA Clear Water Booster Pump Station	Procurement	Project is currently out to tender with some reasonable interest shown from prospective contractors.
22/23 Water Pipe Renewal Program	Construction	Works have now recommenced on Anzac Avenue now that the inclement weather has gone and project is scheduled to be completed mid-May.
22/23 Water Telemetry/SCADA Upgrades	Construction	Works progressing well with integrator on site completed and some minor offsiteworks required to complete project.
KDA WTP Auto Backwash on 3 Filter Cells	Planning	Treatment operations staff to liaise with suitably qualified person for the implementation works.
22/23 Smart Meters Replacement	Construction	Works programmed to be completed by end of June.
22/23 Hydrant Renewal Program	Construction	Works programmed to be completed by end of June.
MBA WTP Raw Water Pumps & Electrics	Procurement	Project currently out to tender with contractors showing some interest in the project.
22/23 Valve Replacement Program (Retic)	Construction	Majority of work was done in the latter part of 2022 with remainder of works to be completed prior to end of June.
BOR6 22/23 Water Forward Design Program	Design	Works commenced with trials on alternate methods of dosing equipment and chemicals underway. Once the results of the trials are conclusive a formal report will be generated as per grant funding guidelines.
MBA Additional Pressure Reduction Valves	Planning	Locations of RPV's have been modelled and calculated during booster pump station design works and will have to be surge vessels at the treatment plant and centenary park booster station.
MBA Deommision Basalt St Elevated Tank	Planning	Project cannot commence until the new water booster station project has been commissioned and suggest this project will need to be carried forward to the 2023-2024 capital program.



Project Description	Project Stage	Comments
MBA Decommission Granite Ck Pump Station	Planning	Project cannot commence until the new water booster station project has been commissioned and suggest this project will need to be carried forward to the 2023-2024 capital program.
WTP Minor Infrastructure Replacements	Construction	Works held up by inclement weather and will recommence when weather and site conditions permit.
MBA WTP Clarifier Infra Process Improv.	Design	Works commenced with trials on alternate methods of dosing equipment and chemicals underway.
MBA/KDA/DIM WTP Inst. Chloring Analysers	Construction	Works are substantially complete.
Program: 12 Wastewater		
New Sewer Pump Stn Standby Generators x2	Construction	Electrical contractor currently working to complete the electrical installation works. Once completed commissioning will be finalized.
Granite Ck Mba Sewerage Pump Stn Refurb	Completed	Commissioning of the upgraded pump station completed early March.
MBA Bi-Lakes Sewer Main Capacity	Construction	Project tender has been awarded with pre-start meeting scheduled for mid-April and construction to commence soon afterwards.
22/23 WW Telemetry/SCADA Upgrades	Construction	Works have been progressing well with integrator completing site works during January, some minor works are required to finalize works.
22/23 New Standby Generator Program	Construction	Amaroo SPS electrically connected and the Dural CI SPS Elec works underway, once completed the telemetry works will commence
22/23 MBA Sewer CCTV & Relining	Construction	Works are well underway now that the inclement weather has cleared and contractor should complete works within the allocated program schedule within amended time frames.
KDA TP RAS System Submersible Pumps	Procurement	Quotes were sourced for new pumps but the existing pumps can be overhauled and the first of the two pumps to be overhauled is scheduled for early April.
Minor WW Pump Station Refurbishments	On Hold	Project to be carried forward to 2023-2024 capital Program.
22/23 WW Forward Works Design Program	Design	Design works are underway and should be completed by end of June.
Program: 13 Waste		
MWF Construct New Landfill Cells	Design	Design documents received with the electrical design still to come and works will be completed by June.
MBA Transfer Station New Baler	Completed	New baler arrived, installed and commissioned.
MBA/KDA Transfer Station Security Improv	Construction	Contractor has advised they are waiting on delivery of goods, once the goods arrive the works will be finalized.
Program: 15 Fleet		
GPS Vehicle Management System	Planning	On hold pending review of Fleet Program.
Fleet Refurb Truck Mounted Water Tank	Planning	Business Case being developed.
Fleet Replace #621 Single Cab Tipper	Procurement	Purchase order raised July 2022. Awaiting delivery.
Fleet Replace #675 Crew Cab Tipper	Procurement	Purchase order raised July 2022. Awaiting delivery.
Fleet Replace #623 Crew Cab Tipper	Procurement	Purchase order raised July 2022. Awaiting delivery.
Fleet Replace #5006 Tractor	Completed	New Tractor Delivered February 2023 - Project completed.
Fleet Replace #6253 Road Broom	Planning	Unit ordered pending delivery - possible June/July.
Fleet Replace #1304 Landcruiser	Completed	Vehicle delivered March 2023 - vehicle in service.
Fleet Replace #1305 Landcruiser	Completed	New Vehicle delivered - Project Complete Vehicle in service.
Fleet Replace #1323 Triton	Completed	New Vehicle delivered - Project Complete Vehicle in service.
Fleet Replace #1337 Triton	Procurement	Delivered late March 2023.
Fleet Replace #1229 Hilux	Procurement	Delivered early April 2023.
Fleet Replace #2052 Triton	Completed	New Vehicle delivered Feb 2023 - Vehicle in service, Project complete.
Fleet Replace #1315 Landcruiser	Completed	Vehicle delivered Feb 2023 - Vehicle in service Project Complete.



Project Description	Project Stage	Comments
Fleet Replace #1328 Triton Trayback	Completed	Vehicle delivered Feb 2023 - Vehicle in service Project Complete.
Program: 16 Depots and Council Offices		
Rankin St MSC Admin Office Refurb	Completed	Works completed with minor items to be finalised.
Kowa St MSC Depot Emergency Generator	Design	Options being prepared.
Program: 17 Community Buildings		
Koah Tennis Court Replace Timber Poles	Completed	Installation complete.
Aquatic Facility Upgrades & Splash Park	Construction	Construction continuing as per schedule. Pressure testing of plumbing commenced in preparation for concrete pour of the splash pad. Variations have been requested for internal fence.
Dimb/Mba/Kda Pools Chloring Dosing Impr	Planning	Facilities working with current Facility manager to confirm works required.
Mba PCYC Shire Hall Part Roof Replacem	Completed	Defects have been rectified and awaiting invoice.
MBA Women's Restroom Refurb	Planning	Council resolved to engage MPO to assist with finding tenants for structure. Held over contacting MPO until Tender for Post Office Carpark resolved. Will seek engagement of MPO by 30 March 2023.
MBA Riverside CPark Amenities Replace	Construction	Roof is complete. External painting completed. Waterproofing to the wet area's completed.
22/23 Shire Toilet Facility Repl Program	Construction	Carpentry and plumbing works to be done internally to save on cost.
MBA Community Hub Signage & Seating	Design	Concept design under assessment.
DIM CPark Shower Septic Modifications	Construction	Trench work commenced. Further delays due to wet weather. Works to be completed 7/04/2023.
MBA New CBD Toilet Facilities	Construction	Contract awarded to Karl Srhoj Building. Works to commence mid April.
22/23 Facilities Refurbishment Program	Planning	Initial Meetings with Projects Team commenced, Facilities and Project team to work through scope of works and define a potential timeline for delivery.
MBA Aquatic Cnt Entrance Upgrade & Paint	Construction	Pathway complete. Planning for landscaping and signage is underway.
KDA Community Prec. Toilet Refurb	Construction	Plumbing and Carpentry works commenced internally. Painting works out to RFQ.
KDA Aquatic Cnt 25m Pool Auto Fillers	Planning	Facilities working with current Facility manager to confirm works required.
KDA Aquatic Cnt 25m Pool Cleaner	Planning	Facilities working with current Facility manager to confirm works required.
KDA Aquatic Cnt 25m Pool Aquaris Upgrade	Planning	Facilities working with current Facility manager to confirm works required.
22/23 MBA Roof Replacement Program	Construction	Wilkes and Lyons St roofs completed.
MBA Timber Fascia Replacement	On Hold	Project on hold. Timber fascia's not required at this time. Possible minor maintenance works to be delivered by Mareeba Community Housing Company.
22/23 DIM Bathroom Renewal Program	Construction	Works to be completed internally by Council tradesman.
22/23 DIM Town Hall A/C/Solar/Lighting	Planning	Scoping commenced.
Program: 18 Non-Infrastructure Items		
Kuranda New Cemetery	Design	Detailed design 99% complete, will seek Tenders mid March 2023.
DIM Cemetery Lawn Plaque on Beam	Not Commenced	New beam will be installed in Dimbulah prior to the end of the 22/23 financial year.
MBA MIP Expansion	Planning	Preliminary documentation for Masterplan has been received and reviewed for comment. Next stage of documentation due mid April.
Program: 20 KIAC		
KIAC - New Wayfinding Signage	Construction	Installation Complete. Sign audit complete. Some additional works are needed including removal of redundant signs and amendments to some of the installed sign details.

9.3 PARKS AND OPEN SPACES ACTION PLAN PROGRESS REPORT DECEMBER 2022 TO MARCH 2023.

Date Prepared: 31 March 2023

Author: Manager Assets and Projects

Attachments: 1. Parks and Open Spaces Progress December 2022 - March 2023 [↓](#)

EXECUTIVE SUMMARY

The purpose of this report is to provide an update on projects being delivered under the Parks and Open Spaces Three-Year Action Plan during the months of December 2022 – March 2023.

RECOMMENDATION

That Council receives the Parks and Open Spaces Action Plan Progress Report for the months of December 2022 – March 2023.

BACKGROUND

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

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

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

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

FINANCIAL AND RESOURCE IMPLICATIONS***Capital***

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

Is the expenditure noted above included in the current budget?

Yes

Operating

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

Is the expenditure noted above included in the current budget?

Yes

LINK TO CORPORATE PLAN

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

IMPLEMENTATION/COMMUNICATION

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

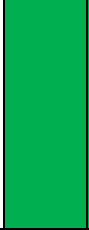





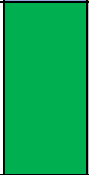




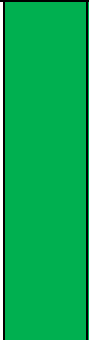

Parks and Open Spaces 3 Year Action Plan - Project Update – December 2022 – March 2023

Legend

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

Project	2022	2023	2024	Monthly Update to Council
RAIL TRAIL				
Mareeba Rail Trail Stage 1 (Mareeba to Airport)				Works Complete
BETTER PLAYGROUNDS				
Geraghty Park (Julatten)				Not commenced. Design to commence in 2023. Grant funding application for funding under Community Gambling Benefit Fund for partial funding not successful.
Pat Kinnear Memorial Park (Chillagoe Town Hall)				In planning.
Dimbulah Parks Revitalisation				Currently reviewing options for park upgrades in Dimbulah.
Kuranda Community Precinct				Not commenced. Design to commence in mid-2023.
General Playground and Fitness Equipment Renewals - Various Locations				Quotes are being sort for Roscommon Park, Speewah.
IMPROVE BICENTENNIAL LAKES				
Bicentennial Lakes (Southern) Upgrade				Design for Bicentennial Lakes Southern and Northern Upgrades is well progressed. Grant funding has been received for under Local Government Grants and Subsidies Program for the project design. Community engagement underway.
Bicentennial Lakes (Northern) Upgrade				Refer to comments within the Southern Stage. Construction of the Northern Stage upgrades will commence from 2024.
IMPROVE PARKS AND OPEN SPACES				
New Mareeba East Park – Hastie Road				Playground and carpark construction complete. A Master Plan for the broader reserve area will be developed in consultation with the community from mid-2023.
Mareeba Town Walking Trails Upgrades				The Walking Network Plan has been adopted by Council and a Priority Works Program is being developed. This project was funded by the Department of Transport and Main Roads.
Gregory Terrace (Kuranda) Park Upgrade				Not commenced. Design to commence in 2023.
Kuranda Town Walking Trails Upgrades				Council has been granted funding under the Walking Local Government Grants program and a Walking Network Plan and a Priority Works Program have been adopted by Council.

Parks and Open Spaces 3 Year Action Plan - Project Update – December 2022 – March 2023

<p>Kuranda Tourism Parks and Open Space Upgrades*</p>				<p>Centenary Park Kuranda – Playground construction is complete. Further works to refresh the surrounding stone retaining walls and footpaths are in the planning stages.</p> <p>Coondoo Street - Electrical Design Consultant has been and a Street Lighting Plan is being developed. An application to Ergon has been submitted to upgrade the lighting in Lower Coondoo St.</p>
<p>Bill Newburn Park (Irvinebank) Upgrade</p>				<p>Initial discussions have taken place at the Community forum in Irvinebank. Draft proposal will be prepared in early 2023.</p>
<p>Anzac Park (Mareeba) Revitalisation</p>				<p>Contract has been awarded. A computer-generated impression of the project has been prepared for public information. Works to commence from early May and be completed in August.</p>
<p>Toilet Facilities Improvements - Various Locations</p>				<p>Centenary Park Mareeba toilet refurbishment has been completed. Mareeba Aerodrome, Mareeba Cemetery, Mt Molloy Vains Park project planning has commenced.</p>
<p>Footpaths Improvements - Various Locations</p>				<p>Footpaths renewed along Rankin St and Basalt Gully (Stewart St), Mareeba. Pedestrian bridge improvements for Basalt Gully (Stewart St) and Granite Creek (Eales Park to Ward St) under design. Walking Network Priority Works Programs have been developed and adopted for Kuranda and Mareeba.</p>
<p>Park Entrance Signage Improvements - Various Locations</p>				<p>10 park entrance signs have been replaced in February 2022. Funding for this project has been fully expended.</p>
<p>WATER PARK</p>				
<p>New Mareeba Water Splash Park</p>				<p>The aquatic centre footprint has been extended to accommodate the splash park with the installation of a new retaining wall and perimeter fence. The contractor has undertaken demolition, removal and the reinstatement of old existing concrete aprons that were in poor condition. Electrical connections have been established and installation of the substantial underground pipework network required to service the splash park is continuing. Installation of the 50m pool and children’s pool heating has been progressing in conjunction with the splash park construction project.</p> <p>Project funded by the Queensland Government.</p>

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

9.4 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - MARCH 2023

Date Prepared: 15 March 2023
Author: Manager Technical Services
Attachments: Nil

EXECUTIVE SUMMARY

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

RECOMMENDATION

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

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

Investigation activities undertaken in March included:

Activity	Current Requests	Closed Requests
Road Infrastructure Review	60	15
Drainage Investigations	28	8
NHVR Permit Applications	0	8
Traffic Count Surveys	0	0
Parks Investigations	3	0
Miscellaneous <i>e.g.</i> Planning; Local Laws	21	6
Before You Dig Requests	62	62

Soil Laboratory:

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

The laboratory continues to seek further External Clients, with capacity for additional external works being available. Although the construction businesses that use Council's soil testing services are returning to work, ongoing wet weather has reduced demand for services during March.

Asset Inspections:

Facility asset inspections and defect backlog verification process has commenced in full. The updated defect backlogs will assist to inform the 2023-24 Operational and Capital programs.

Ongoing improvements to GIS data associated with water, sewerage, roads, underground stormwater and kerbs asset data sets continues.

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
Mareeba	Prestige Gardens Stage 1-6	Under construction
Mareeba	Emerald End Road & Country Road	Under construction
Mareeba	Amaroo Stage 12	On-maintenance
Mareeba	7 Haren Street	On-maintenance
Koah	123 Fantin Road (Two Chain Road)	On-maintenance
Mareeba	Kenneally Estate Stage 4	Off-maintenance
Mareeba	The Edge Stage 3	Off-maintenance
Mareeba	Amaroo Stage 11	Off-maintenance
Mareeba	Mareeba Roadhouse and Accommodation Park, Williams Close	On-maintenance - Monitoring
Kuranda	112 Barnwell Road widening	Monitoring

Disaster Recovery Funding Arrangements (DRFA)

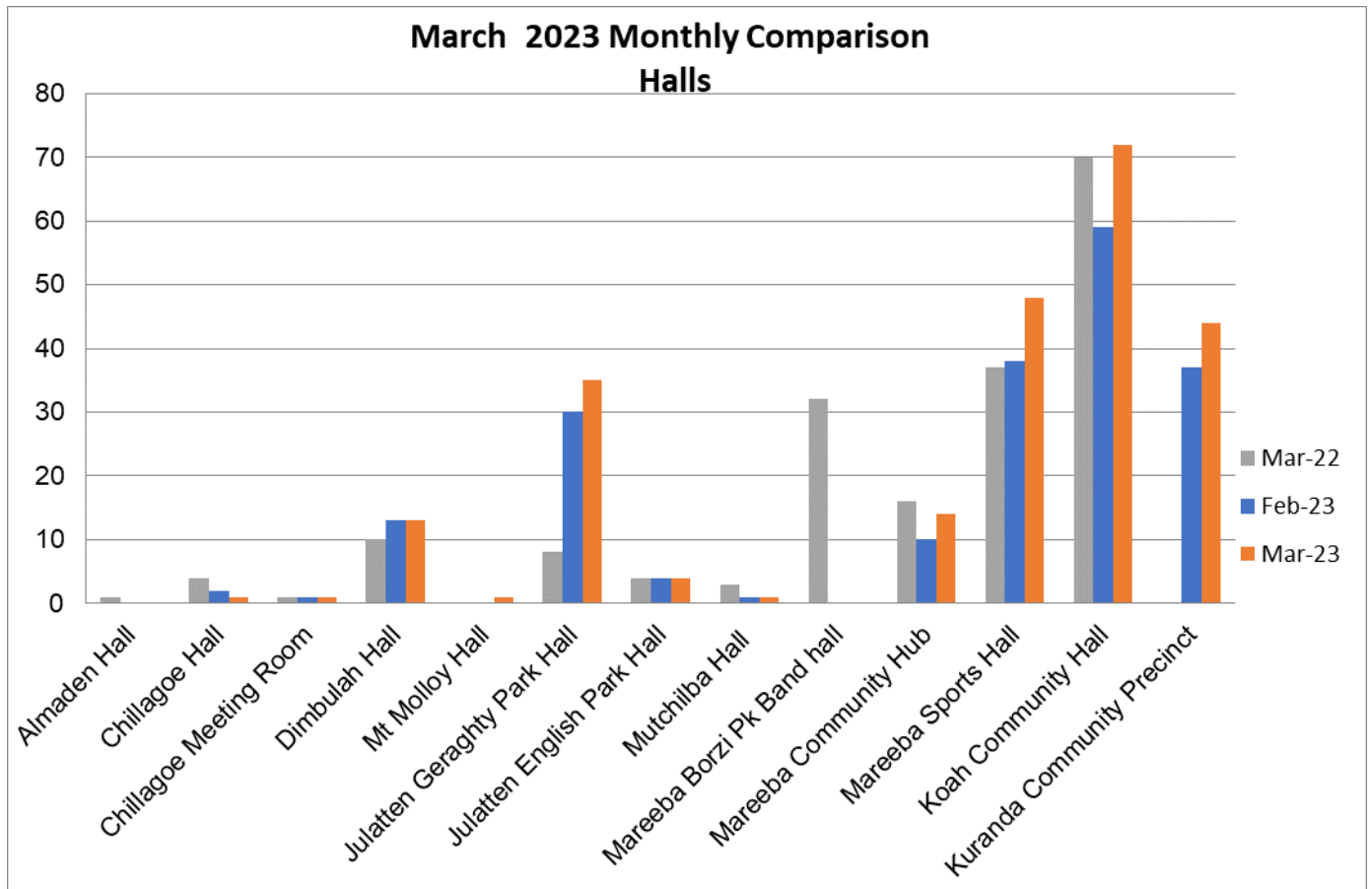
The DRFA is jointly funded by the Commonwealth and Queensland governments to help alleviate the costs of relief and recovery activities undertaken in disaster-affected communities by delivering recovery activities to return affected eligible assets back to pre-event condition. The status of declared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

Program	Status
2021 DRFA REPA Program	Works have now been completed on all restoration packages with some minor defect works to be addressed by contractors.
2022 DRFA	Mareeba Shire activated DRFA assistance measures linked Far North Queensland Low Pressure Trough, that occurred 1 – 7 February 2022. Tenders have been received and are under evaluation for the delivery of works after the wet season.
2022 Betterment	Tenders have been received and are under evaluation for the delivery of works after the wet season.
2023 DRFA	Activation for DRFA assistance occurred for the Northern and Central Queensland Monsoon and Flooding Event, 20 December 2022 – March 2023. Emergent response activities continue, further information on activities completed is provided in the Infrastructure Services – Works Section Activity Report.

FacilitiesCommunity Halls:

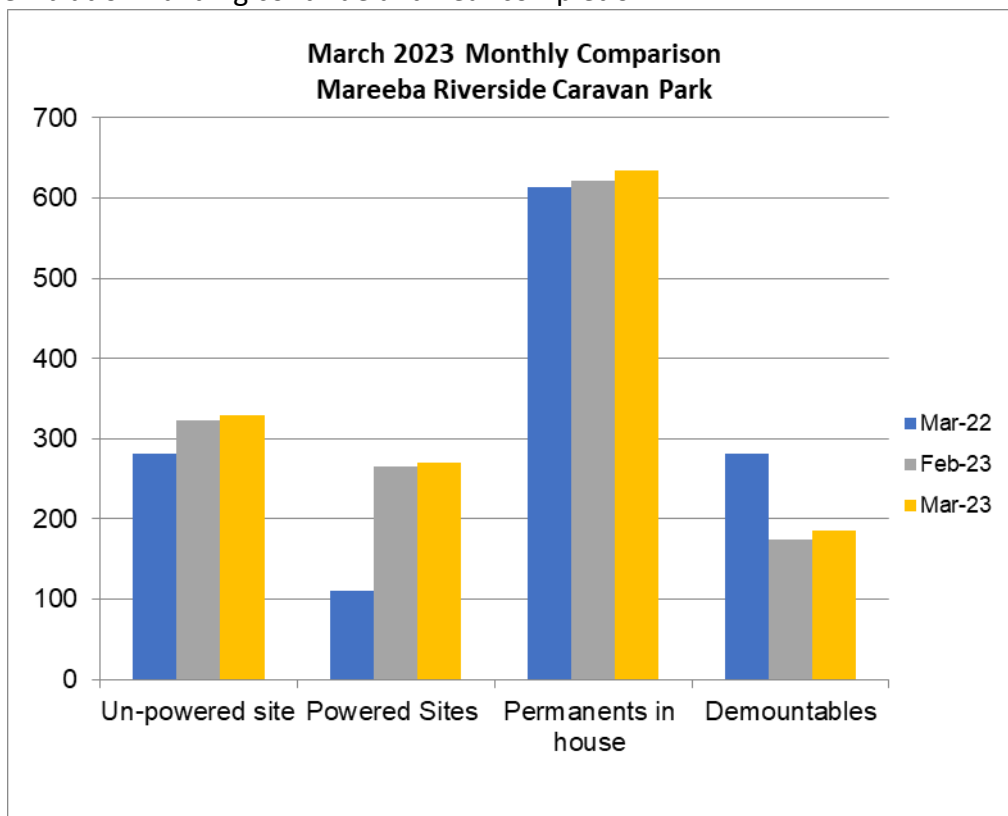
Maintaining safe and efficient access to Council's Community Halls is recognised as an important aspect for the community's ongoing wellbeing.

March hall usage has shown strong improvements against both the previous month and year’s utilisation.

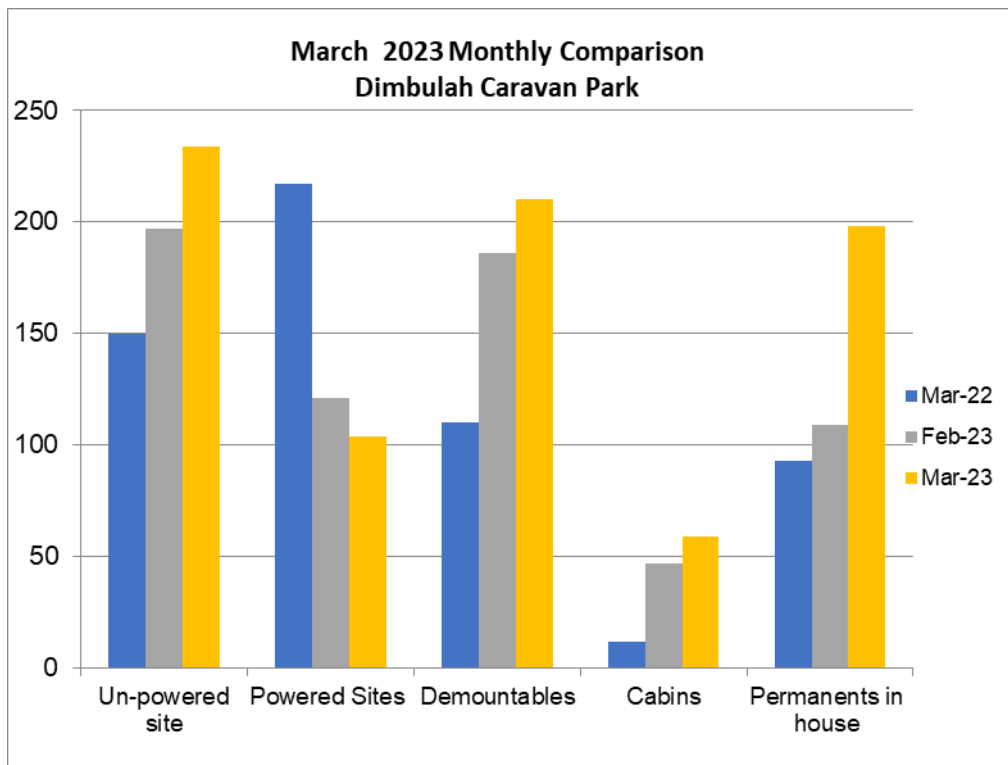


Caravan Parks:

Mareeba Riverside Caravan Park tenant numbers have remained strong across all sectors. Works to replace the Ablution Building continue and near completion.



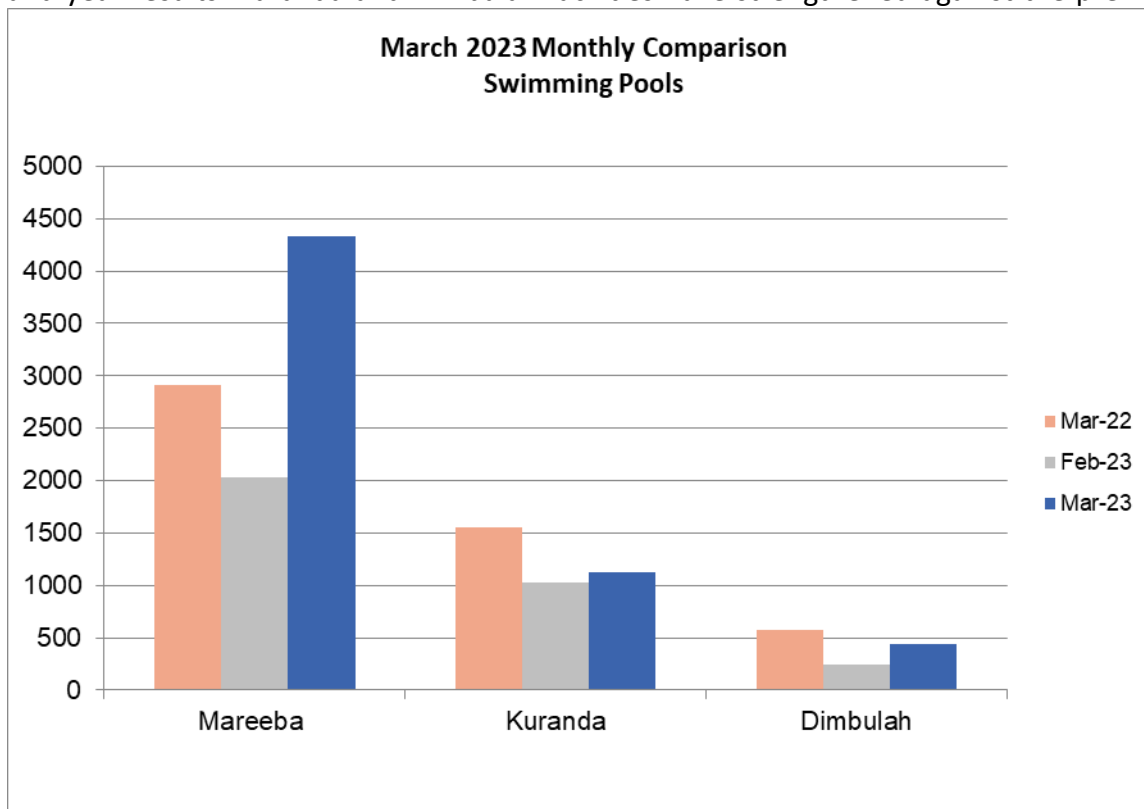
Dimbulah Caravan Park tenant numbers have improved across all sectors (except powered sites) and total numbers have strengthened.



Aquatic Centres

Council continues with the process to establish a long-term arrangement for the Operation of the Aquatic Facilities, to be established 1 July 2023.

Mareeba Aquatic Centre has experienced significant increases to patronage against previous month and year results. Kuranda and Dimbulah facilities have strengthened against the previous month.



Vandalism & Graffiti:

During March, nine (9) reports of vandalism/graffiti were recorded for Council facilities, with annual costs provided below;

Financial Year	Actuals	Comments – March 2023
2015/16	\$ 2,134.00	• Mareeba Davies Park Toilets – Vandalism x 1
2016/17	\$ 16,546.00	• Mareeba Rankin Street Office – Graffiti x 2
2017/18	\$ 23,948.00	• Mareeba Rankin Street Office - Vandalism x 1
2018/19	\$ 14,851.00	• Mareeba Arnold Park toilets - Vandalism x1
2019/20	\$ 14,211.18	• Mareeba CWA Toilets – Vandalism x 2
2020/21	\$ 62,199.62	• Mareeba Arnold Park Skate Park - Vandalism x 1
2021/22	\$ 48,301.12	• Mareeba Theatre Hall – Vandalism x 1
2022/23	\$24,983.23	

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

FINANCIAL AND RESOURCE IMPLICATIONS

Operating

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

LINK TO CORPORATE PLAN

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

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

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

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

9.6 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - MARCH 2023**Date Prepared:** 15 March 2023**Author:** Manager Works**Attachments:** Nil**EXECUTIVE SUMMARY**

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

RECOMMENDATION

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

BACKGROUND**Transport Infrastructure**Emergent Works

Mareeba Shire Council is now eligible for DRFA funding following the activation of the shire under the Northern and Central Queensland Monsoon and Flooding 20 December 2022 to March 2023 event.

Works crews have been undertaking emergent work on the following roads within the shire in March;

Area	Road Name	Area	Road Name
All Areas	Pothole Patching	Watsonville	Eichblatt Road
Julatten	Black Mountain Road	Watsonville	Walsh River Road
Julatten	Euluma Creek Road	Watsonville	Bischoff Mill Road
Julatten	Riley Road	Watsonville	Charles Street
Julatten	Bump Track	Alamden	Ootann Road
Mt Molloy	Bakers Road	Dimbulah	Leafgold Weir Road
Irvinebank	Alice Street	Chillagoe	Torwood Road
Irvinebank	Ibis Dam Road	Chillagoe	Bolwarra Road
Irvinebank	James Street	Biboohra	Pickford Road
Irvinebank	Rubina Terrace	Biboohra	Shanty Creek Track North
Irvinebank	Hales Siding	Mareeba	Slape Road
Koah	Kanervo Road	Mareeba	Jennings Road
Koah	Spena Road	Mareeba	George Fabris Road
Watsonville	Shiffron Road	Mareeba	Emerald Falls Road
Watsonville	Walsh River Road	Mareeba	Cobra Road

Mareeba	Walsh Street	Mareeba	Peters Road
Mareeba	Robins Street	Mareeba	Adil Road

To date, 190 roads across the shire have been inspected and photographed and crews are working hard to undertake emergency repairs where required.

In the first three (3) months of the calendar year crews have used approximately 152 tonnes of blade mix and 3,000 litres of cationic bituminous emulsion for patching potholes that are occurring due to the persistent wet weather. Pothole patching is predominately being undertaken in the Mareeba and Dimbulah areas.

General Maintenance

Activity	Location
Drain Cleaning	Black Mountain Road, Morrish Road, Clacherty Road, Schincariol Road, Boonmoo Road, West Dawson Road, Piemonte Road, Barron Falls Road, Thongon Street, Gregory Terrace, Salomone Drive, Coconut Grove, Butler Drive
Herbicide Spraying	Kuranda Area
Unsealed Road Maintenance Grading	Black Mountain Road
Slashing (MSC Staff)	Algoma Road, Cuzzubo Road, Wolfram Road, Bullaburra Road, Parise Road, Leadingham Creek Road, Dimbulah Airstrip, Raleigh Street, Koah Road, Speewah Road, Clacherty Road, Rainforest Drive, Highland Drive, Wetherby Road, Sides Road, McDougall Road, Jim Weir Road, Churchill Creek Road, McLeans Bridge Road, Euluma Creek Road, Cameron Court, Fraser Road
Slashing (Contract Round 1 – to end of February)	Pine Close, Bilwon Road, Bullock Creek Road, Rush Road, Rogers Road, Grigg Road, Vallely Road, River Road, Coyle Road, Hume Road, Hodzic Road, Pin Road, Borzi Road, Tabacum Road, Barbetti Road, Shanty Creek Road, Pike Road, Srhoj Road, Kovacic Road, Gilmore Road, Kay Road, Adler Hill Road, Rollington Drive, Sabin East Road, Davies Creek Road, Spena Road, Brady Road, River Road

Customer Requests

During the month of March, the Works Group received 82 Customer Requests (CRs) with 319 resolved (resolved requests include those received prior to March 2023). The table below shows the number of requests lodged per Works Section for the month.

Month	Roads	Parks and Gardens	Pest Management
March	46	22	14

At the time of reporting, the Works Group had 71 open requests.

Bridges and Major Culverts

Bridges and major culverts on the following roads were inspected and cleared of debris as a result of the wet season rains.

- John Doyle Bridge Mareeba
- Kenneally Road, Mareeba
- Mutchilba Road, Mutchilba
- Selby Road, Mutchilba
- West Dawson Road, Mutchilba
- Pinnacle Road, Julatten
- Leadingham Creek Road, Dimbulah
- McLeans Bridge Road, Julatten
- Jeffery Road, Kuranda
- Hickory Road, Kuranda
- Fallon Road, Kuranda

TMR Routine Maintenance Performance Contract (RMPC)

Wet weather callouts continued across the state-controlled network within Mareeba Shire. Emergent works were continued on the Burke Developmental and Herberton - Petford Roads when weather permitted.

Extensive pothole patching was undertaken on the Burke Developmental Road, Mulligan Highway and Mareeba-Dimbulah Roads. Herbicide spraying continued on the Kennedy Highway and Mareeba-Dimbulah Roads. Rural tractor slashing commenced on the Mareeba-Dimbulah Road.

A truck roll over was attended to on the Rex Range with large boulders causing major damage to the guardrail.

Parks and Open Spaces

During March, as well as routine maintenance activities, Parks and Open Spaces staff undertook the following;

- Replaced swing seat Chillagoe
- Slash Rail Trail, Mareeba Airport, Eales Park, Mooraridgi Park and Shaban Park
- Mow and maintain Biboohra Township
- Contractors – Mow and maintain Irvinebank township and Watsonville Cemetery
- Tree trimming Kennedy Street and The Edge Sound Barrier
- Mow and maintain Mareeba Cemetery and Pioneer Cemetery
- Burials
 - Mt Molloy x 1
 - Mareeba x 9

Land Protection

Parthenium Weed: Inspections carried out on 13 sites. All landholders are complying with their biosecurity obligation. Land protection officers continue to monitor the sites.

Multi Species Weeds-Emu Creek/Walsh River Catchment: Work has started for the year along Emu Creek on the Wash River catchment targeting two (2) *Jatropha* species, Rubber vine and Siam weed.

Frog Bit: Sentinel sites on the Mitchell River catchment on the 2 Mile and Douglas Creeks have been inspected. This project is funded by Mitchell River catchment. All sites remain free of frog bit.



2 Mile Creek

Leaf Cactus: Leaf cactus has been found in two (2) locations in Mareeba Shire, one in Kuranda and one in Julatten. This invasive “vine” is extremely hard to control. It appears not to grow very well away from the coast but there is concern that once climatized it may spread. Bio Security NSW has been researching a bio control and recently visited the area to collect samples and are looking to release the bio control if suitable.

Feral Pigs: Feral pigs are an ongoing issue with numbers increasing. Several landholders have been given advice on baiting, trapping, and shooting. There is growing concern that foot and mouth or African swine fever could enter the country and spread through the feral pig population.

Wild dogs: Several landholders in the area have reported wild dogs in the Mareeba area unsuitable for baiting. Advice has been provided on trapping.

Rabbits: Calicivirus release done on one property in the Mutchilba area.

Trap Ants (electric and yellow crazy): Following a report from a community member of ant infestation in electrical pits at the Mareeba aerodrome, LPOs along with Bio Security QLD visited the Mareeba Aerodrome with ant samples taken for identification purposes. However, no electric or yellow crazy ants were detected.

FINANCIAL AND RESOURCE IMPLICATIONS

Operating

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

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.

IMPLEMENTATION/COMMUNICATION

Nil

9.8 INFRASTRUCTURE SERVICES, WATER AND WASTE OPERATIONS REPORT - MARCH 2023

Date Prepared: 15 March 2023
Author: Manager Water and Waste
Attachments: Nil

EXECUTIVE SUMMARY

The purpose of this report is to summarise Council’s Water and Waste activities undertaken by the Infrastructure Services Department during the month of March 2023.

RECOMMENDATION

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

BACKGROUND

Water and Wastewater Treatment:

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

Routine environmental monitoring did not detect any exceedances of environmental discharge limits. No anomalies or reportable notifications were reported in relation to routine water quality testing conducted during the month.

Water Treatment	Mareeba	Kuranda	Chillagoe	Dimbulah	Mt Molloy*
Water Plant average daily production (kL)	6,522	771	239	212	90
Number of Connections	4,385	982	157	272	137
Average daily water consumption per connection (L)	1,487	785	1,522	779	1,035

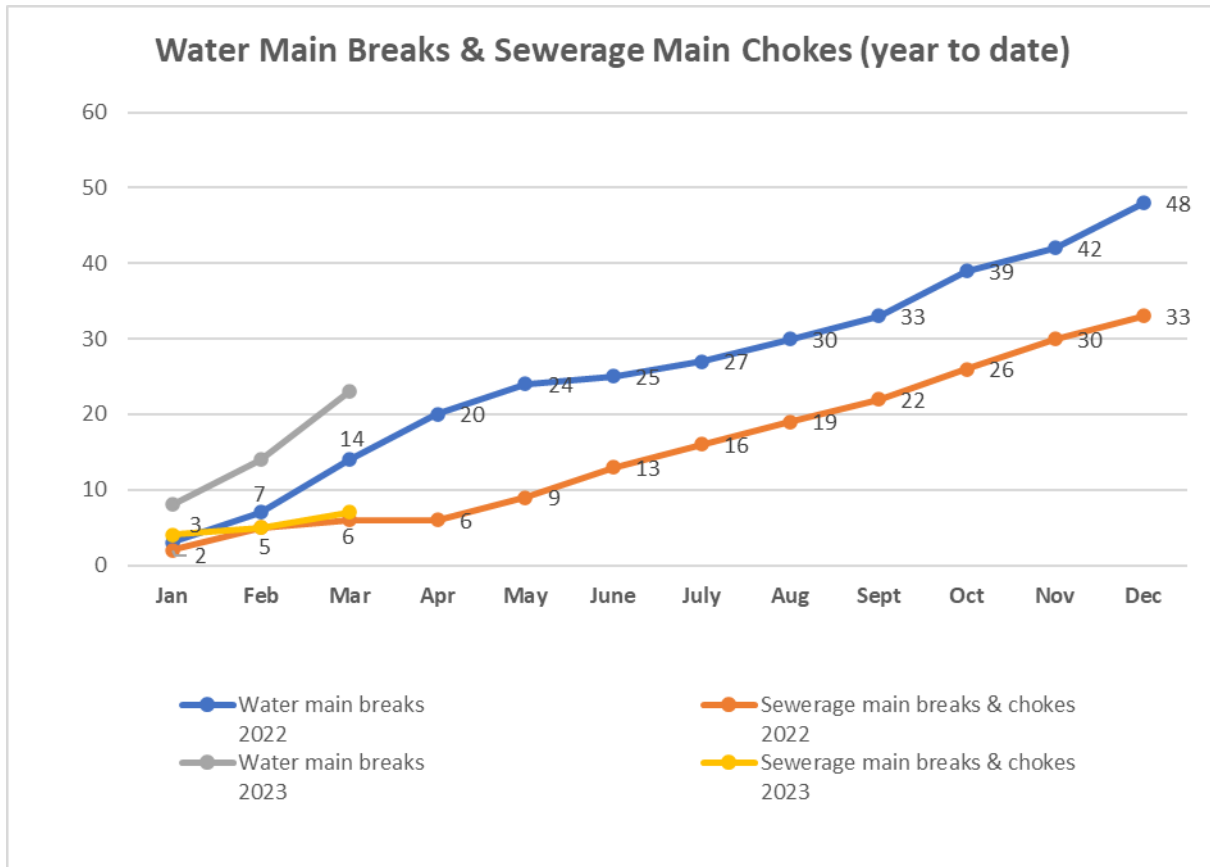
** Mt Molloy is an untreated, non-potable water supply*

Wastewater Treatment	Mareeba	Kuranda
Wastewater Plant average daily treatment (kL)	5,204	234
Number of Connections	3,424	346
Average daily inflow per connection (L)	1,520	676

Water and Wastewater Reticulation:

Council's water reticulation crew attended to 23 water main breaks, and seven (7) sewer main breaks/chokes this month, and average response times were within targets set out in Council's customer service standard for water services.

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

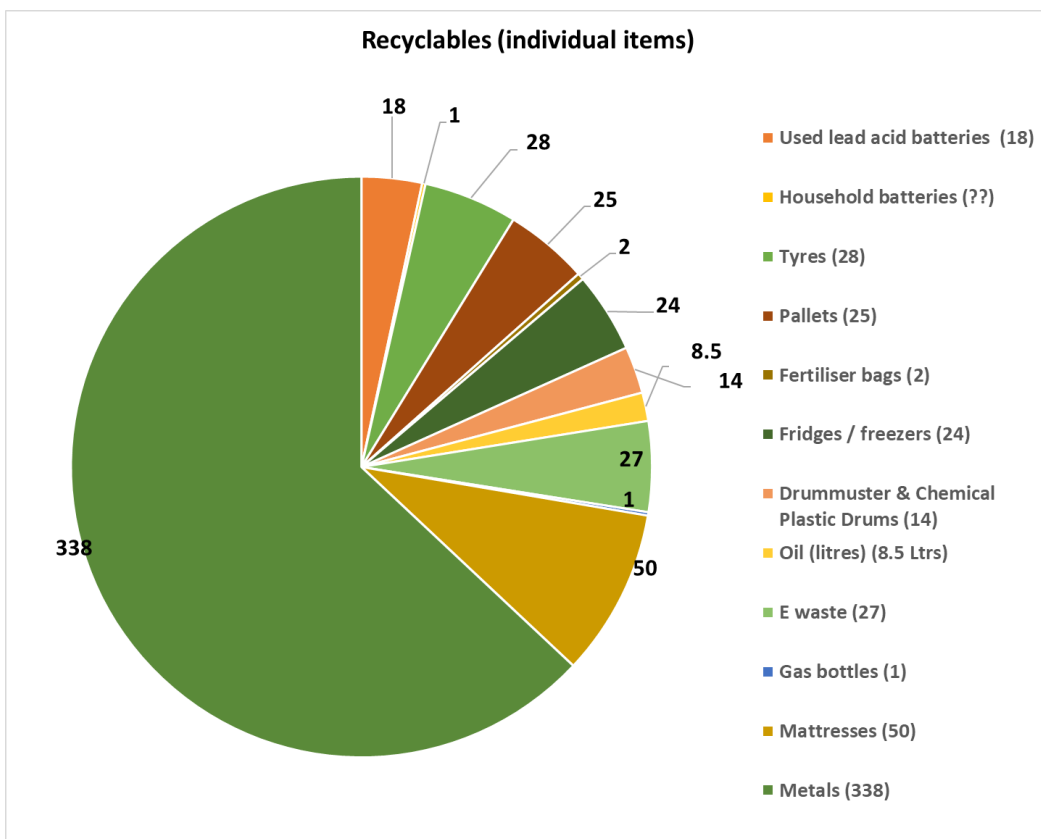
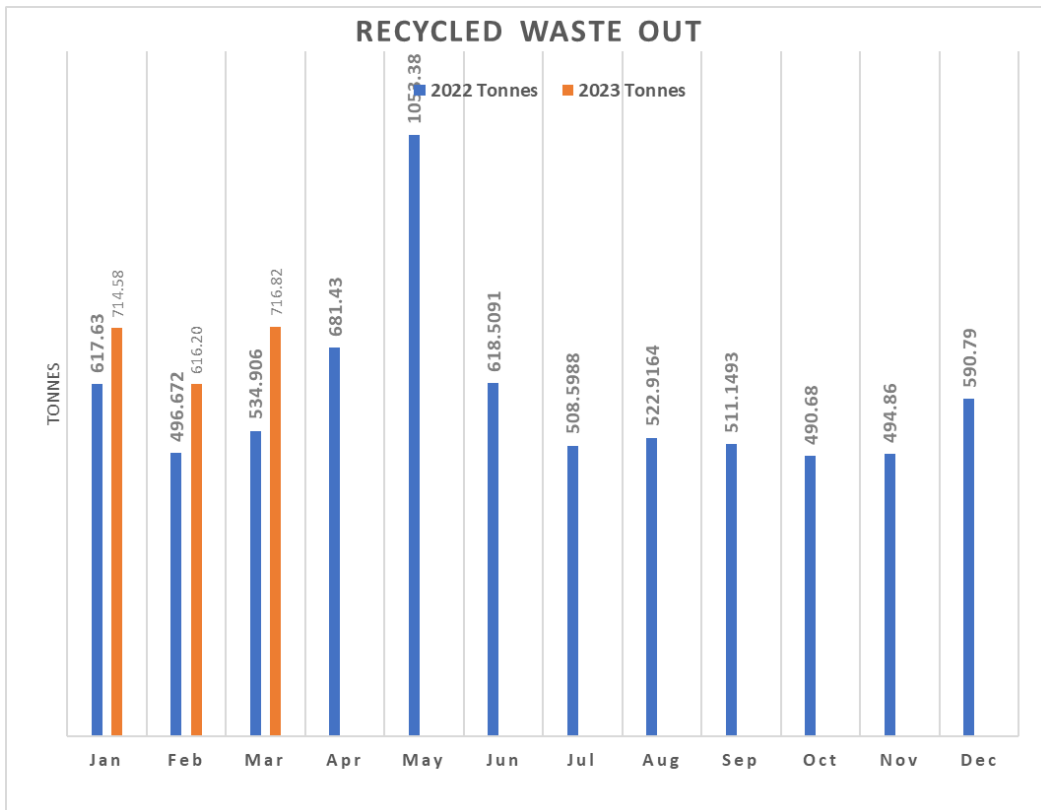


Waste Operations:

ARUP’s work on the Regional Resource Recovery Plan is complete to date with the draft to be presented to the FNQROC Board on 6 April.

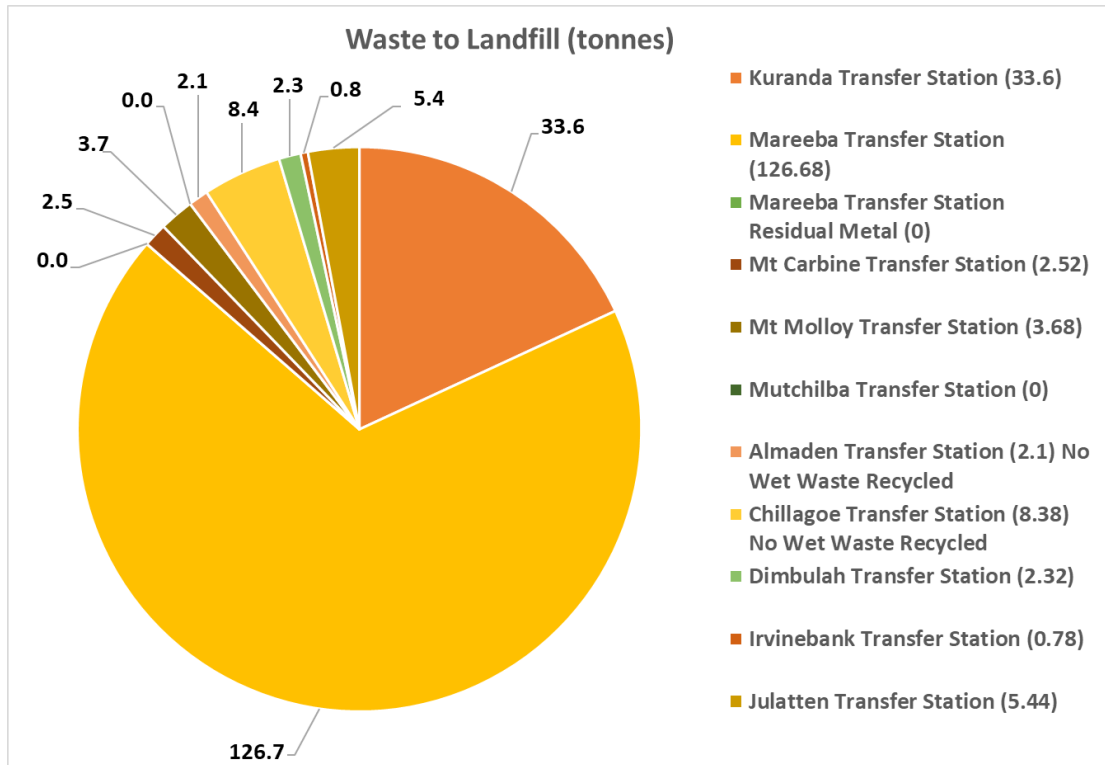
Recycling

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



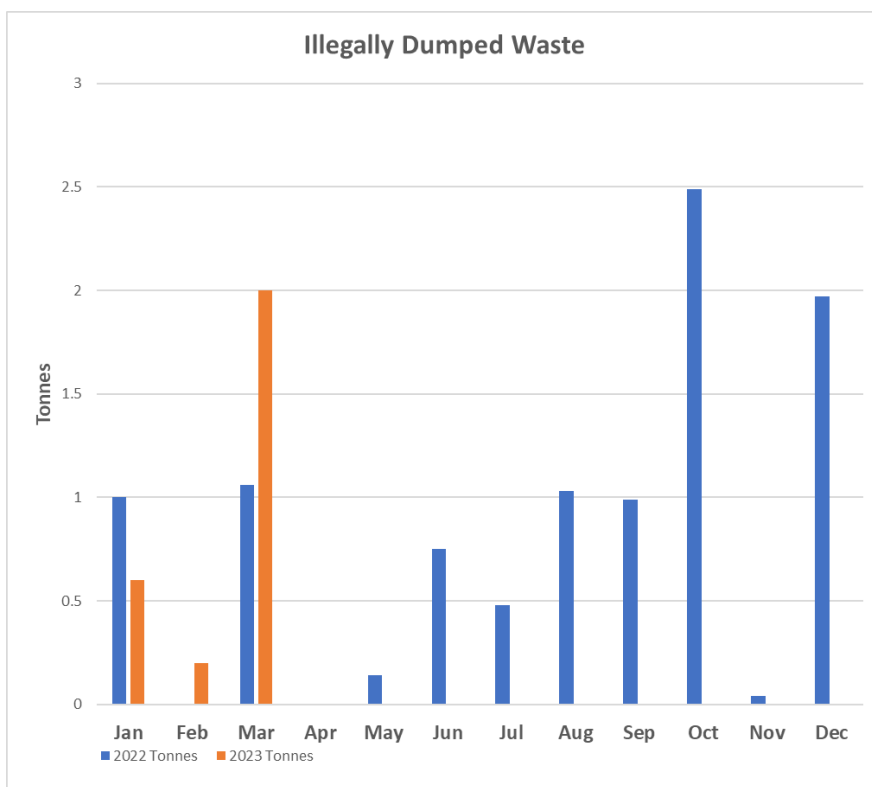
Waste to Transfer Stations

Transfer Station dry waste is transported off site to the Springmount Waste Facility and for the month of March 186 tonnes was landfilled.



Illegally Dumped Waste

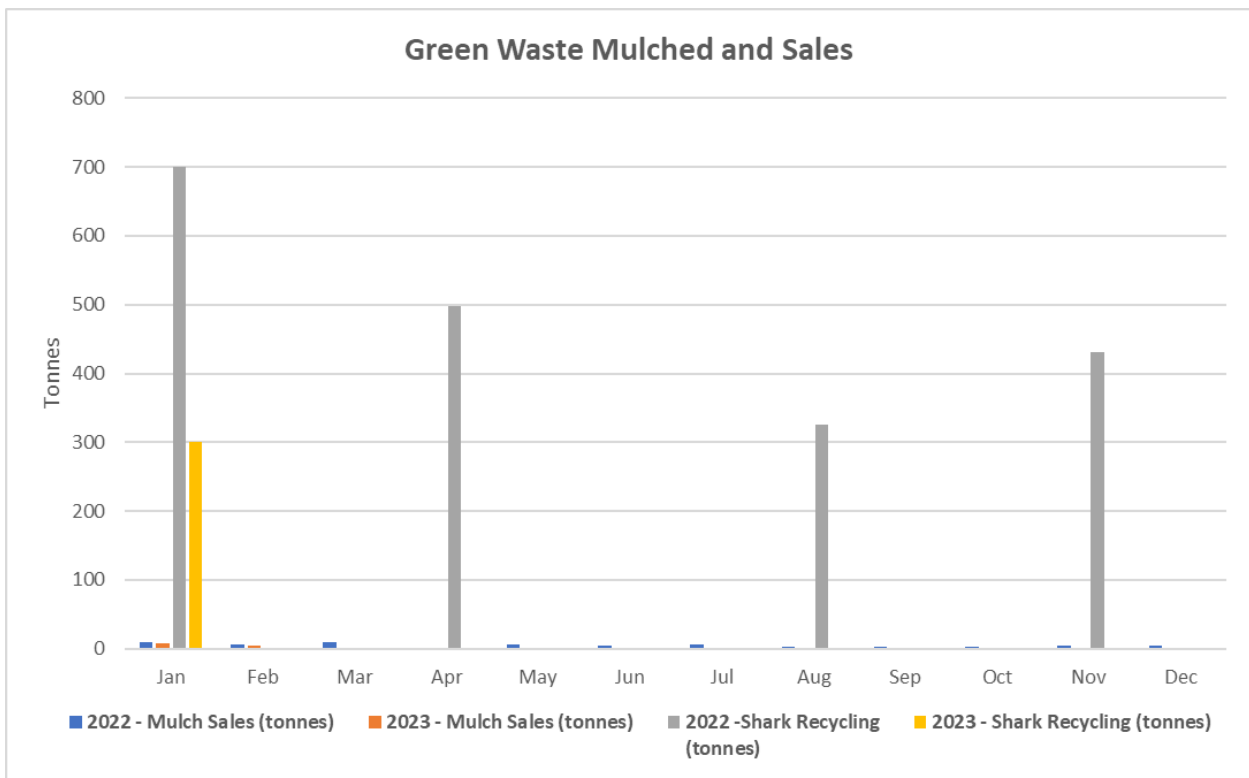
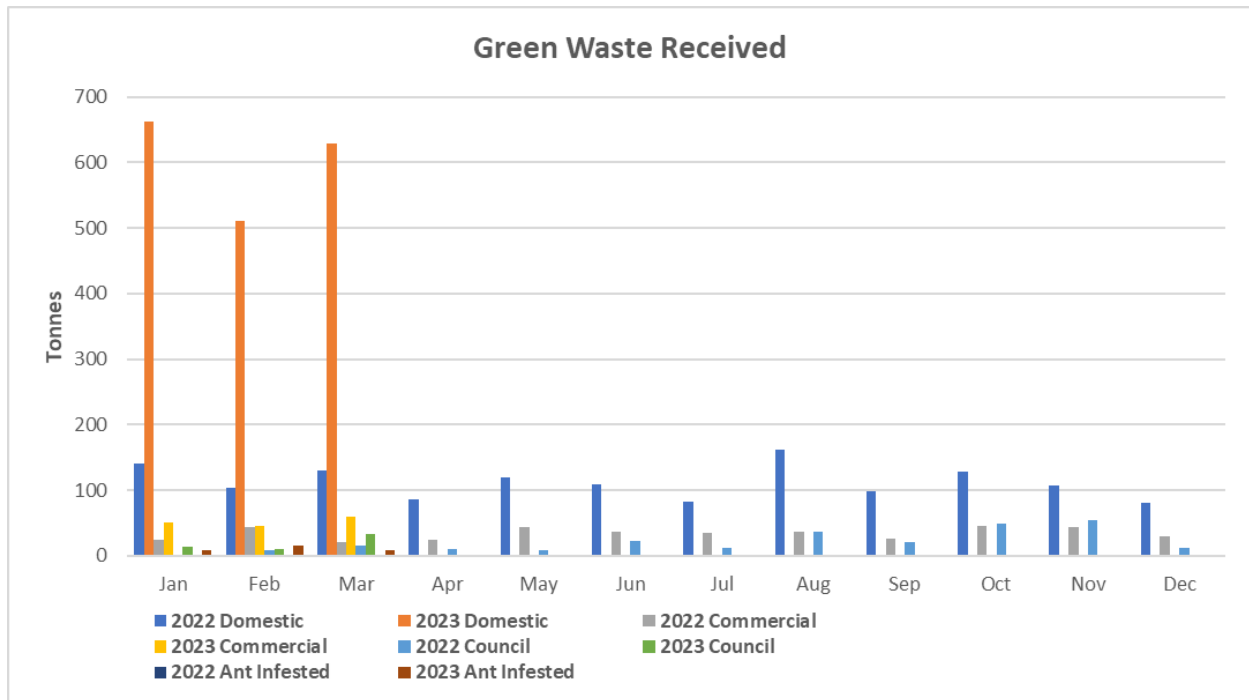
There were 2.0 tonnes of illegally dumped waste recorded through Waste Transfer Stations during the month of March. This does not include the illegal dumping on TMR Roads.



Green Waste

During March, Council received a total of 730 tonnes of green waste with Kuranda recording 9 tonnes of Electric Ant contaminated green waste.

Free Green Domestic Waste days were run the weekend of 1 and 2 April with the Mareeba Waste Transfer Station receiving 334 loads of green waste, Kuranda 64, Chillagoe 9, Dimbulah 17, Irvinebank 6, Julatten 15 and Mt Molloy 6 loads of green waste.



RISK IMPLICATIONS**Environmental**

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

LEGAL/COMPLIANCE/POLICY IMPLICATIONS

Nil

FINANCIAL AND RESOURCE IMPLICATIONS**Capital**

Nil

Operating

Nil

LINK TO CORPORATE PLAN

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

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

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

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

IMPLEMENTATION/COMMUNICATION

Nil