

9 INFRASTRUCTURE SERVICES

9.1 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - APRIL 2023

Date Prepared: 27 April 2023

Author: Manager Assets and Projects

Attachments:

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

RECOMMENDATION

That Council receives the Infrastructure Services Capital Works Monthly Report for the month of April 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 – April 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 – April 2023



Progress Update

The aquatic centre footprint has been extended with the installation of a new retaining wall and perimeter fence. Demolition works, electrical connections and installation of the underground pipework network required to service the splash park is complete. Concrete has been poured and splash park play equipment is being installed. Installation of the pool heating has been progressing in conjunction with the splash park construction project. Preparations to refresh the front entry to the Mareeba Aquatic Centre have commenced. Expected completion in June 2023. Project funded by the Queensland Government.



Children's Pool and Splash Park



New Pathway to Splash Park

Infrastructure Services Capital Works Report Project Highlights – April 2023



Project Name: Anzac Park Mareeba

Program: Parks and Open Spaces

Background

Mareeba Shire has multiple war memorial sites, displays and historical places of interest which honour those in our community who served Australia and Council recognised the need to revitalise Anzac Park as the focal point for veterans, serving members of the Australian Defence Force and community. Businesses in Mareeba's CBD have been asking for changes to improve safety and reduce anti-social behaviour in the main street, and the revitalisation of Anzac Park should contribute to these aims.

Scope of Work

The parkland will incorporate up-lighting to highlight some of the features including the cannons and the trees, removal of the fountain, footpath renewal and planting of additional trees. The project will also see the addition of a named archway at the rear of the park.

Progress Update

Construction fencing has been installed and demolition works are planned to commence in May 2023.



Render 1 Anzac Park Mareeba Night Time Artist Impression, Front View



Render 2 Anzac Park Mareeba Day Time Artist Impression, Back View

Infrastructure Services Capital Works Report Project Highlights – April 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

During April culvert extensions and replacements commenced and clearing and grubbing was completed. Initially the dual 1050Ø RCP at Ch 9479 was scheduled for extension only but a more detailed inspection of the existing pipes revealed a full replacement was necessary. These additional works will extend the original construction time but the project will be complete by the end of the current financial year, weather permitting.



Failing 1050Ø pipework (Ch 9479)



375Ø RCP extension (Ch 9425)



Replacement 1050Ø pipework (Ch 9479)



Completing clearing and grubbing

Infrastructure Services Capital Works Report Project Highlights – April 2023



Project Name: Euluma Creek Road, Julatten - Rehabilitate and Widen

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 second of these projects is the widening of the narrow sections of existing bitumen sealed road to 8m including the replacement and extension of existing culverts from Chainage 7010 to Chainage 9350.

Progress Update

The project was completed early April with the installation of line marking.



Ch 9030 - Before



Ch 9030 - After



Ch 7980 - Before



Ch 7980 - After

Infrastructure Services Capital Works Report Project Highlights – April 2023



Project Name: Wolfram Road, Dimbulah - Road Widening Ch 8550 - Ch 10000

Program: Rural Roads

Background

Various sections of Wolfram Road, Dimbulah are single lane bitumen seal and are very prone to edge wear and edge drop. Commercial traffic using Wolfram Road has increased from 5.6% in 2008 to 15.4% in 2020. A wider sealed road will improve road safety, provide transport efficiencies and cater for increased traffic volumes.

Scope of Works

The scope of works includes the widening of Wolfram Road from Ch 8550 to Ch 10000 to a sealed width of 7.5m, the extension of existing culverts to cater for the wider road, the replacement of several existing headwalls, the installation of subsoil drains and the cleaning and re-shaping of existing table and cut-off drains.

Progress Update

Works commenced mid April and the culvert extensions and culvert raisings have been completed. The first 800m of widening will be finished to seal level by early May including the installation of subsoil drains in the cuttings.



Culvert extension



Subsoil drain installation



Road widening in cutting



Profiling existing gravel shoulders

Infrastructure Services Capital Works Summary Report - April 2023

| Project Description | Project Stage | Comments |
|---|---------------|---|
| Program: 01 Rural and Urban Roads Reseal Program (Renewal) | | |
| 22/23 Reseal & Asphalt Program | Construction | RPQ will recommence reseals 04/05/2023. |
| BETTERMENT Co-Contribution | Procurement | Tenders called, submissions significantly exceeded budget, scope required for review. |
| Program: 02 Gravel Resheet | | |
| 22/23 Gravel Resheet Program | Construction | Sections of Wetherby Road are currently being resheeted. |
| Program: 03 Urban Streets | | |
| TIDS Rankin/Walsh St Roundabout | Design | Development of traffic design options continues, anticipate calling quotations for detail design June 2023. Water main replacement and asphalt works completed for Walsh St/Herberton St roundabout in early May. |
| Program: 04 Rural Roads | | |
| TIDS Euluma Ck Rd Ch 9.350-10.130 Rehab | Construction | Work commenced 03/04/2023. Clear & grub completed; pipe extensions & replacements currently underway. |
| TIDS Springmount Rd Widen & Seal | Construction | Works will recommence late June - early July. EOT from HVSP until 30/11/2023 approved. Full TIDS component has been approved & claimed. |
| R2R Bilwon Rd Rehab & Culverts | Construction | Preliminary design completed. Works will commence after Wolfram Road project is completed. EOT from R2R to the end of August 2023 has been approved. |
| R2R Wolfram Rd Stage 3 Priority Sections | Construction | Clear & grub complete; pipe extensions currently underway. |
| TIDS Ootann Rd Section 1&2 Widen & Seal | Design | Stage 1 design complete, Stage 2 design in progress. Construction programmed for 2024. |
| 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 commence after current wet season. |
| Bicentennial Lakes F/bridge Safety Upgr | Procurement | Work will be done in conjunction with Bi Lakes southern upgrade. |
| 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 | Grant funding successful for bridge replacement. Quotations for design to be called, including approach floodway. |
| Program: 06 Drainage | | |
| 22/23 Minor Culvert & C/ways Renewal | Construction | Culvert headwalls & kerbing has been replaced in Rankin Street. |
| MBA Amaroo Drainage Upgrades | Planning | Programmed for May 2023, weather permitting. |
| MBA Hastings Dr Replace Concrete Pipe | Construction | Investigations and options for repair being prepared. |
| Tilse Street Upgrade Drainage | Construction | Contribution to Prestige Gardens Subdivision - Trunk Drainage Component. |
| 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 are being 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 to be developed in conjunction with the walking network plans. |
| 22/23 Walking Network Upgrade Program | Planning | Program to be 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. |
| DIM Parks Refresh | Procurement | Quotations sought for design and construction of new pump track at Railway Heritage Park based on community feedback in 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 complete. Design being finalised. |
| MBA Anzac Memorial Pk L'scaping & Safety | Design | Construction commenced and scheduled for completion early August. |
| 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. |

Infrastructure Services Capital Works Summary Report - April 2023

| Project Description | Project Stage | Comments |
|--|---------------|---|
| KDA Anzac Park Landscaping | Design | Concept options have been prepared for review. |
| KDA Coondoo Street 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 | Playground completed. Car park linemarked in late April. Community engagement to commence mid-2023 to develop master plan. |
| Roscommon Park -Renew Exercise Equipment | Planning | Project being scoped to invite quotes. |
| Program: 11 Water | | |
| Mba WTP Study for Upgrade of WW System | Construction | Works have been progressing well though with completion anticipated after mid-2023. |
| BOR6 MWTP Filtration Upgrade | Procurement | Project awarded with pre-start meeting scheduled for Wednesday, 10 May. |
| MBA Clear Water Booster Pump Station | Procurement | Tenders have come in and the tender pricing far exceeds the allowable budget for this project. We're currently working with the designer to see if the project scope can be reduced. |
| 22/23 Water Pipe Renewal Program | Construction | Project works on Anzac Avenue nearing completion. |
| 22/23 Water Telemetry/SCADA Upgrades | Construction | Works progressing well with integrator on site completed and some minor offsite works 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 | Now that we'll soon have a full complement of reticulation staff we will be able to schedule this project installation works and hopefully complete the works by end of June. |
| 22/23 Hydrant Renewal Program | Construction | Once the final two hydrants are installed early May project works will be completed for this financial year. |
| MBA WTP Raw Water Pumps & Electrics | Procurement | Project tenders are in and all are above the allocated budget amount available. The preferred tender is slightly above budget amount and officers are attempting to secure additional grant funds to enable the project to proceed. |
| 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 Decommission Basalt St Elevated Tank | Planning | Project cannot commence until the new water booster station project has been commissioned. |
| MBA Decommission Granite Ck Pump Station | Planning | Project cannot commence until the new water booster station project has been commissioned. |
| WTP Minor Infrastructure Replacements | Construction | Inclement weather held up works and as soon as things dry out the works will recommence as soon as possible. |
| 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 essentially done and once any commitments are cleared the project can be closed out. |
| 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 held mid-April and construction to commence mid-May. |
| 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. |

Infrastructure Services Capital Works Summary Report - April 2023

| Project Description | Project Stage | Comments |
|---|---------------|--|
| 22/23 MBA Sewer CCTV & Relining | Construction | Works have been progressing however the large diameter line in Lloyd St is a different diameter to that quoted, and the contractor needs to order in more relining material to do the works, which may delay the completion date. |
| KDA TP RAS System Submersible Pumps | Procurement | Work on this will occur during May 2023. |
| 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 2023. |
| Program: 13 Waste | | |
| MWF Construct New Landfill Cells | Design | Civil design documents received with the electrical design still to come. |
| 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 finalised. |
| 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 #6253 Road Broom | Planning | Unit ordered pending delivery - possible June/July 2023. |
| Program: 16 Depots and Council Offices | | |
| Rankin St MSC Admin Office Refurb | Completed | Installation complete. |
| Kowa St MSC Depot Emergency Generator | Design | Facilities team to review information compiled and seek confirmation on way forward. |
| Program: 17 Community Buildings | | |
| Koah Tennis Court Replace Timber Poles | Completed | Installation complete. |
| Aquatic Facility Upgrades & Splash Park | Construction | Splash Pad and all surrounding concrete concourses complete including the entrypathway. Waiting for concrete to cure in order to apply the spray-crete artwork to the splash park. Concrete works and UG works have been the priority. Moving onto the fit out of the filtration shed and ancillary components, shade sails etc. |
| Mba PCYC Shire Hall Part Roof Replacemt | Completed | Defects have been rectified and awaiting invoice. |
| MBA Riverside CPark Amenities Replace | Construction | Construction is nearing completion. |
| 22/23 Shire Toilet Facility Repl Program | Construction | Works planned for June. |
| MBA Community Hub Signage & Seating | Design | Concept design under assessment. |
| DIM CPark Shower Septic Modifications | Construction | Works nearing completion. |
| MBA New CBD Toilet Facilities | Construction | Construction commencing week beginning Monday, 8 May. |
| 22/23 Facilities Refurbishment Program | Planning | Initial planning commenced, Facilities and Project team to work through scope of works and define a potential timeline for delivery. |
| MBA Aquatic Cnt Entrance Upgrade & Paint | Procurement | Front entry artwork designs have been received and planning for landscaping underway. |
| KDA Community Prec. Toilet Refurb | Construction | Plumbing and Carpentry works commenced internally. Painting works out to RFQ. |
| 22/23 MBA Roof Replacement Program | Completed | Works now 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 | Requests for quote prepared |
| Dimb/Mba/Kda Pools Chloring Dosing Impr | Planning | Equipment assessment completed and quotations being sought. Anticipate rollingout works by End of May. |
| MBA Women's Restroom Refurb | Planning | Council resolved to engage MPO to assist with finding tenants for the site. |
| KDA Aquatic Cnt 25m Pool Auto Fillers | Planning | Equipment assessment completed, works identified and replacement components being sought. |
| KDA Aquatic Cnt 25m Pool Cleaner | Planning | Refurbishment of Cleaner a possibility rather than full replacement, works/quotations being finalised. Works will be completed prior 30 June 2023. |
| KDA Aquatic Cnt 25m Pool Aquaris Upgrade | Planning | Equipment assessment completed, quotations underway. |
| Kitchen replacement program | Construction | New kitchen installed at 12/27 Lawson Street. |
| Program: 18 Non-Infrastructure Items | | |
| Kuranda New Cemetery | Procurement | Tenders for Construction called 5 May 2023. |
| DIM Cemetery Lawn Plaque on Beam | Not Commenced | New beam will be installed in Dimbulah prior to the end of 22/23 financial year. |

Infrastructure Services Capital Works Summary Report - April 2023

| <i>Project Description</i> | <i>Project Stage</i> | <i>Comments</i> |
|-------------------------------|----------------------|---|
| MBA MIP Expansion | Planning | Consultancy progressing, Stage 2 of master plan report due end of May. |
| 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. |

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| 9.6 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - APRIL 2023 |
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Date Prepared: 27 April 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 April 2023.

RECOMMENDATION

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

BACKGROUND

Technical Services

Design, quality and investigations:

Investigation activities undertaken in March included:

| Activity | Current Requests | Closed Requests |
|--|------------------|-----------------|
| Road Infrastructure Review | 64 | 9 |
| Drainage Investigations | 27 | 7 |
| NHVR Permit Applications | 0 | 13 |
| Traffic Count Surveys | 0 | 2 |
| Parks Investigations | 4 | 0 |
| Miscellaneous <i>e.g.</i> Planning; Local Laws | 12 | 14 |
| Before You Dig Requests | 32 | 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 Euluma Creek Road, and Wolfram Road.

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, the holidays during April have reduced demand for those services. The Laboratory is seeking to broaden its client base and continue to provide quotations for external projects.

Asset Inspections:

Facility asset inspections and defect verification process has commenced.

Ongoing improvements to GIS data associated with water, sewerage, roads, underground stormwater and kerbs asset data sets continues as information is received from all 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 |
|----------|---|--------------------------------|
| 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 |
| Kuranda | Jumrum Rainforest Estate Stage 1, Fallon Road | Under Construction |
| Mareeba | Amaroo Stage 13 | Under Construction |

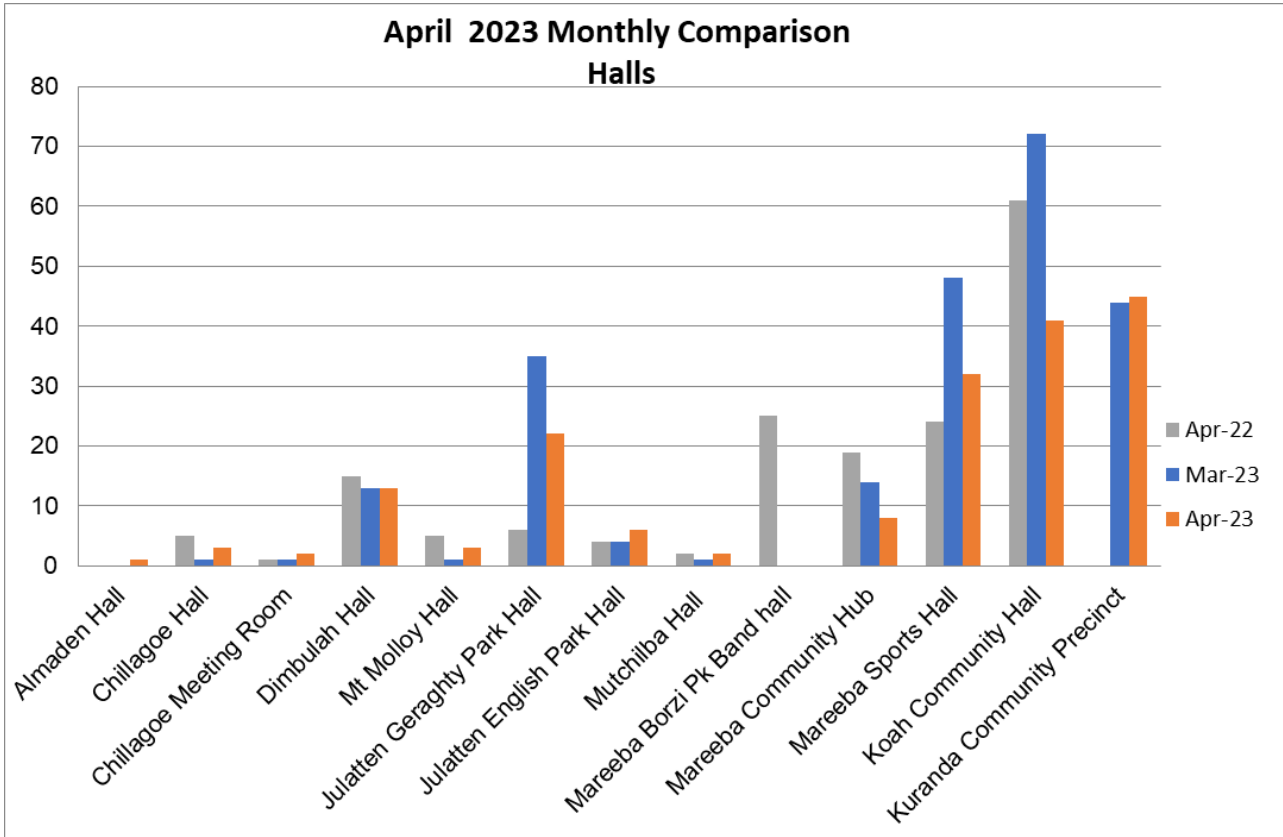
Disaster Recovery Funding Arrangements (DRFA)

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

| Program | Status |
|---------------------------|---|
| 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. Award of contracts will be sought at the 17 May Council Workshop. |
| 2022 Betterment | Tenders have been received and are under evaluation for the delivery of works after the wet season. |
| Fallon Road | Geotechnical works to stabilise the embankment of Fallon Road, Kuranda have commenced, with works to be completed prior to June 30, 2023. |
| 2023 DRFA | Activation for DRFA assistance occurred for the Northern and Central Queensland Monsoon and Flooding Event, 20 December 2022 – 30 April 2023. Emergent response activities continue, further information on activities completed is provided in the Infrastructure Services – Works Section Activity Report. |

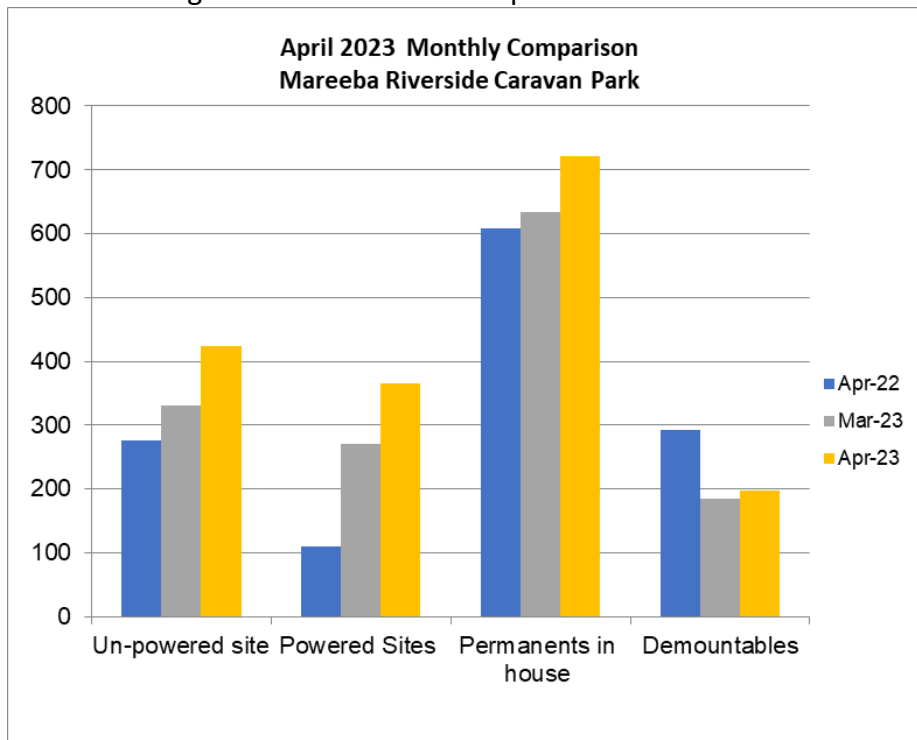
FacilitiesCommunity Halls:

Maintaining safe and efficient access to Council’s Community Halls is recognised as an important aspect for the community's ongoing wellbeing. Although some reduction in facility usage was noted against the previous month, a comparison with previous years April period indicates a general ongoing strengthening in usage.

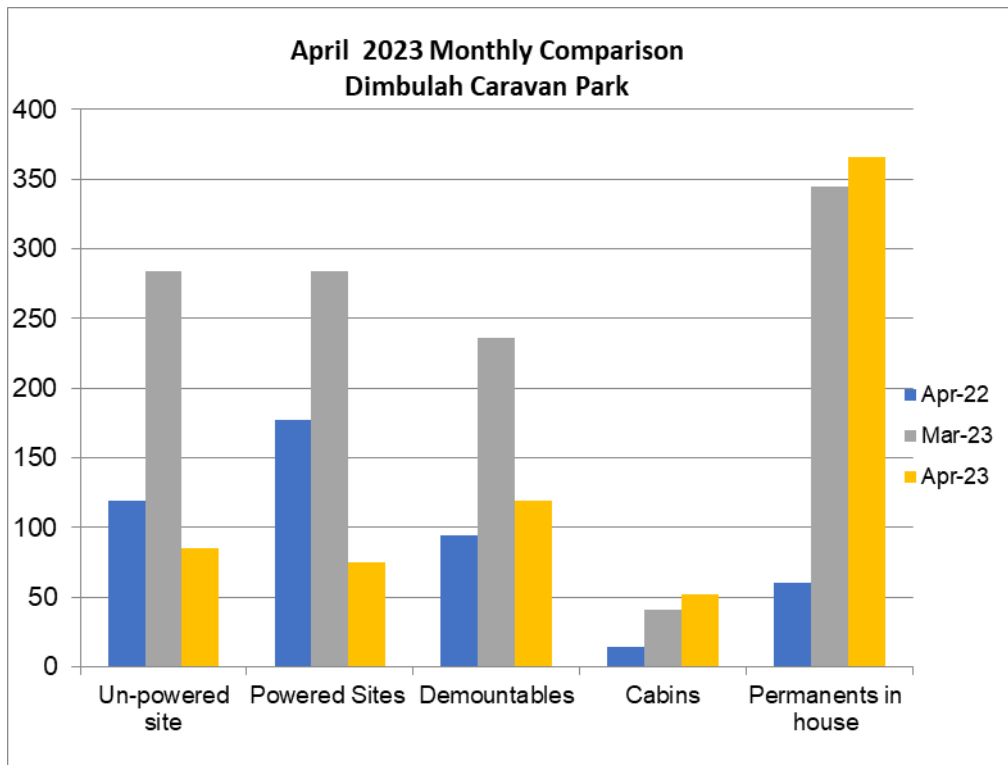


Caravan Parks:

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



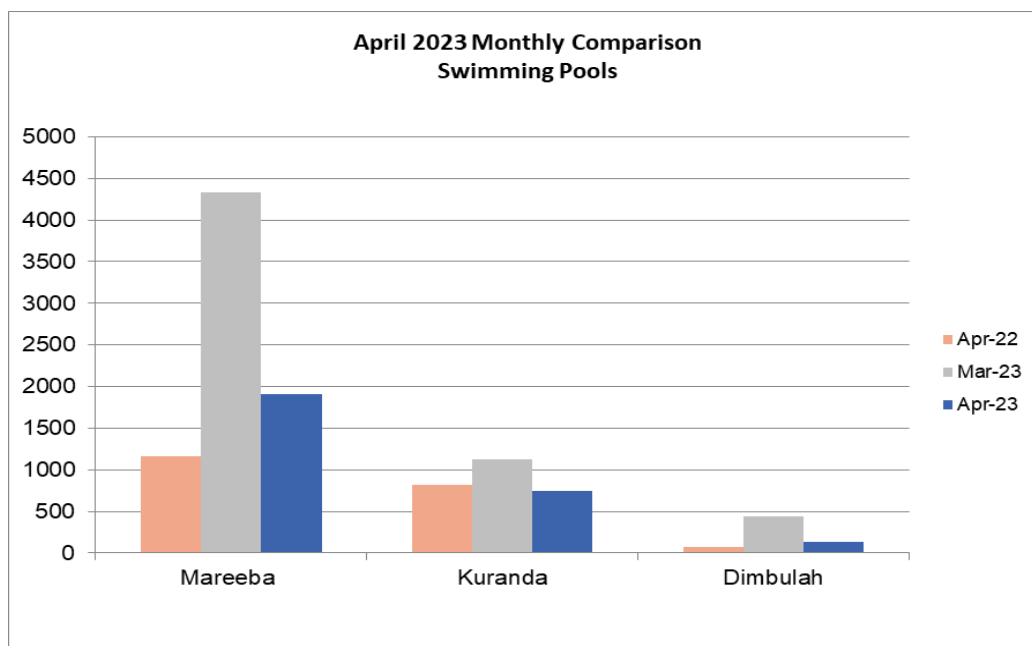
Dimbulah Caravan Park tenant numbers have improved across all sectors (except powered sites) and total numbers have strengthened. Renewal of the septic trenches is ongoing and is anticipated for completion mid-May.



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.

Attendance numbers have shown indications of a potential winter slowdown when compared to the March numbers, however with the anticipated completion of the Mareeba Splash Park and heating project, improvements are anticipated.



Vandalism & Graffiti:

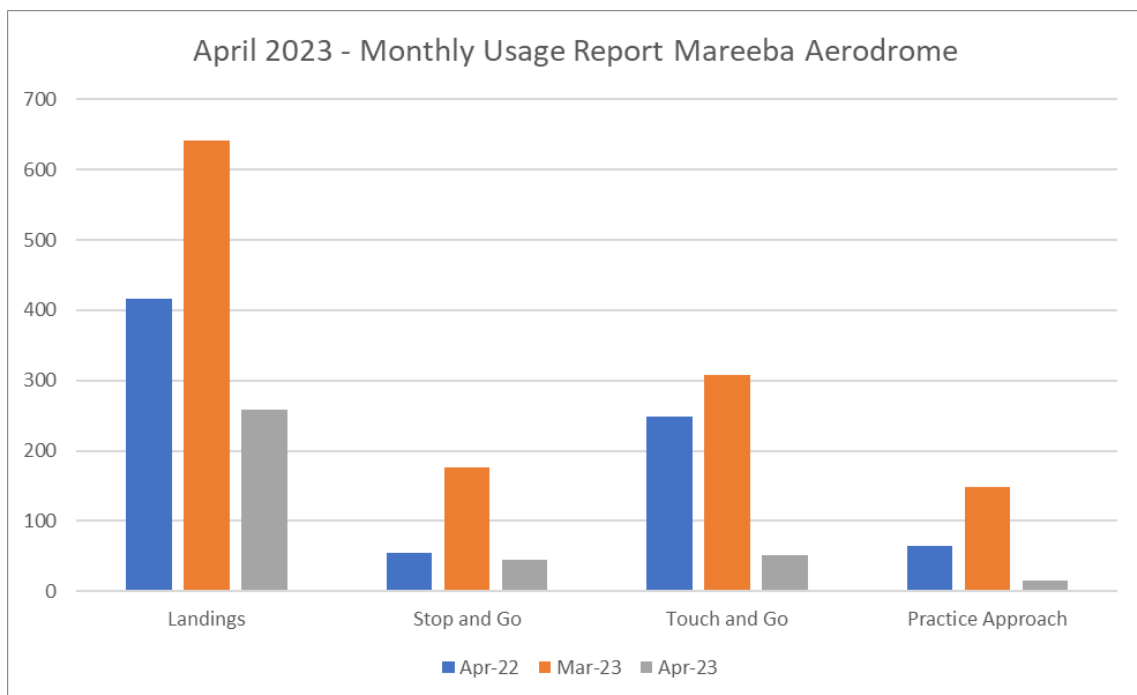
During April, eight (8) reports of vandalism/graffiti were recorded for Council facilities, with annual costs provided below;

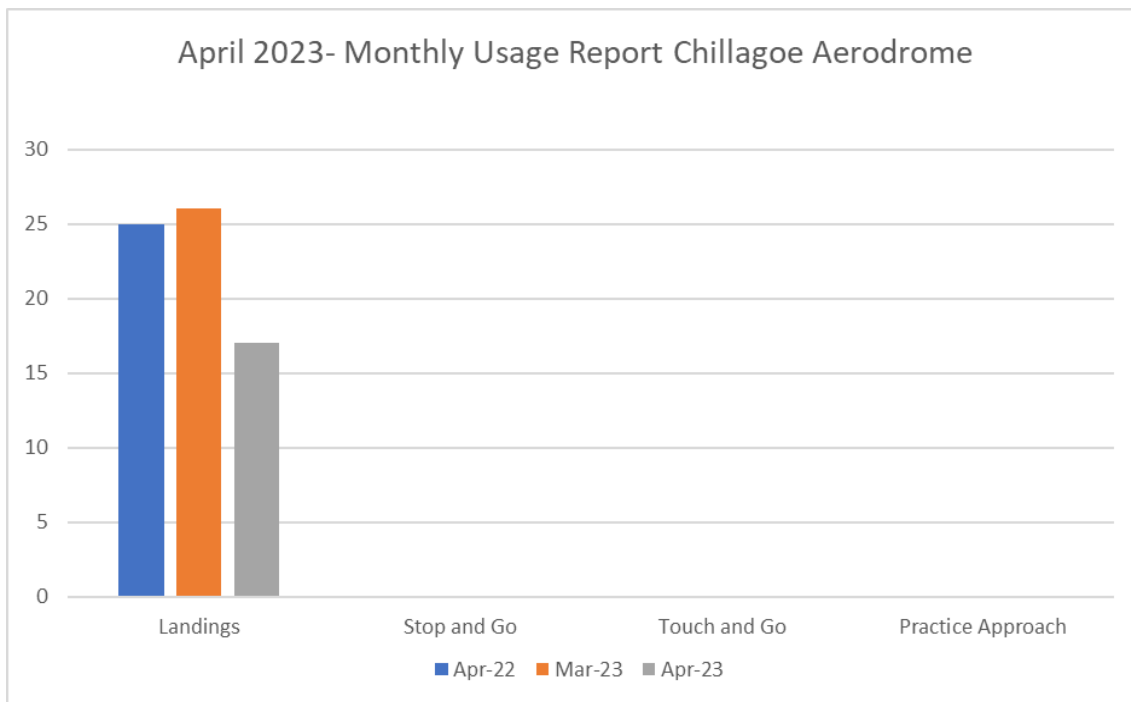
| Financial Year | Actuals | Comments – April 2023 |
|----------------|--------------|--|
| 2015/16 | \$ 2,134.00 | <ul style="list-style-type: none"> • Mareeba Borzi Park Band Hall – Vandalism x1 • Dimbulah Memorial Park Toilets – Vandalism x3 • Mareeba Arnold Park Toilets – Graffiti x2 • Mareeba Anzac Park – Vandalism x1 • Mareeba CWA Toilets – Vandalism x1 |
| 2016/17 | \$ 16,546.00 | |
| 2017/18 | \$ 23,948.00 | |
| 2018/19 | \$ 14,851.00 | |
| 2019/20 | \$ 14,211.18 | |
| 2020/21 | \$ 62,199.62 | |
| 2021/22 | \$ 48,301.12 | |
| 2022/23 | \$29,054.13 | |

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

Aerodromes:

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

9.11 INFRASTRUCTURE SERVICES, WATER AND WASTE OPERATIONS REPORT - APRIL 2023

Date Prepared: 27 April 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 April 2023.

RECOMMENDATION

That Council receives the Infrastructure Services, Water and Waste Operations Report for April 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) | 6,290 | 863 | 260 | 249 | 80 |
| Number of Connections | 4,385 | 982 | 157 | 272 | 137 |
| Average daily water consumption per connection (L) | 1,434 | 879 | 1,656 | 915 | 708 |

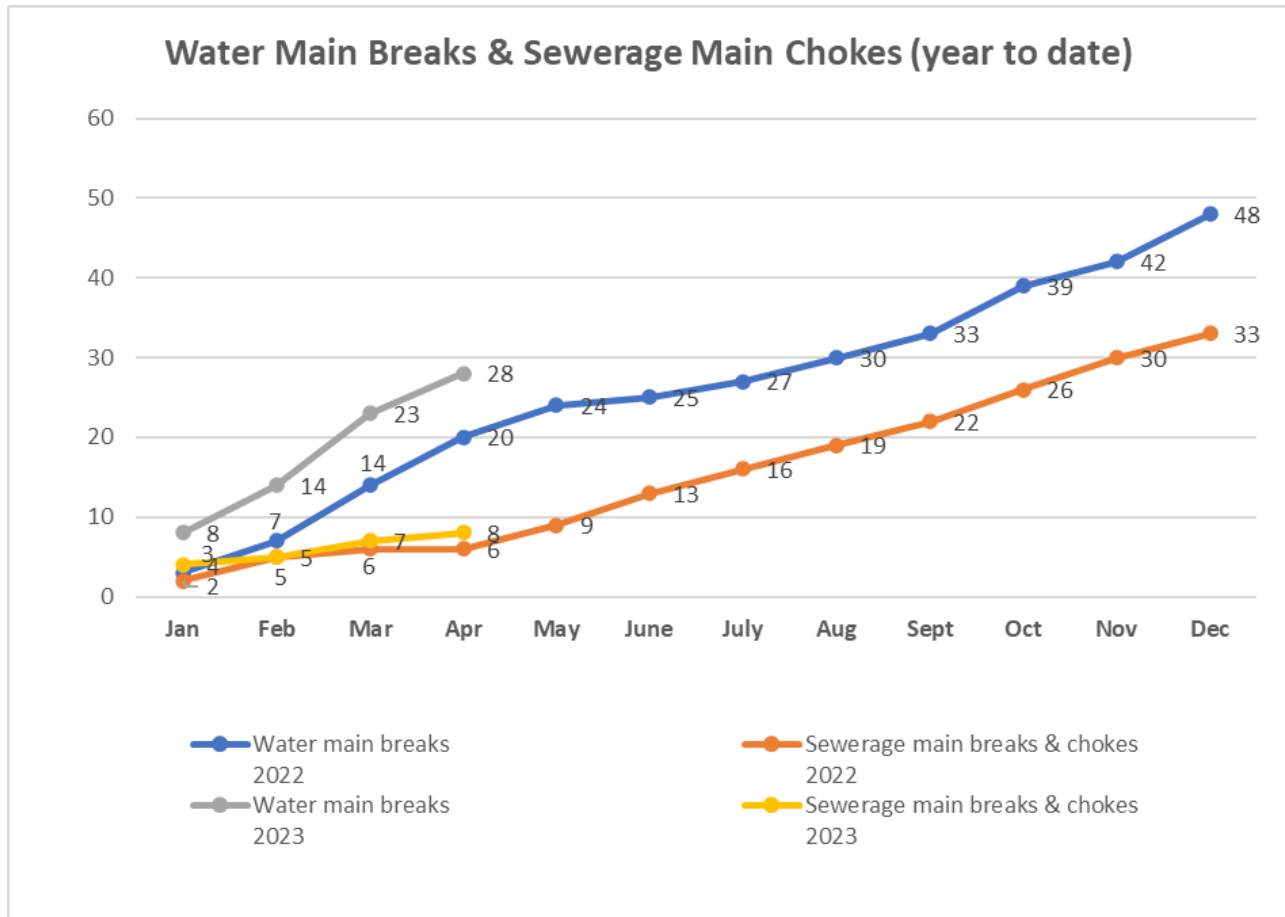
** Mt Molloy is an untreated, non-potable water supply*

| Wastewater Treatment | Mareeba | Kuranda |
|---|---------|---------|
| Wastewater Plant average daily treatment (kL) | 3,610 | 191 |
| Number of Connections | 3,424 | 346 |
| Average daily inflow per connection (L) | 1,054 | 552 |

Water and Wastewater Reticulation:

Council's water reticulation crew attended to 28 water main breaks, and eight (8) 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:

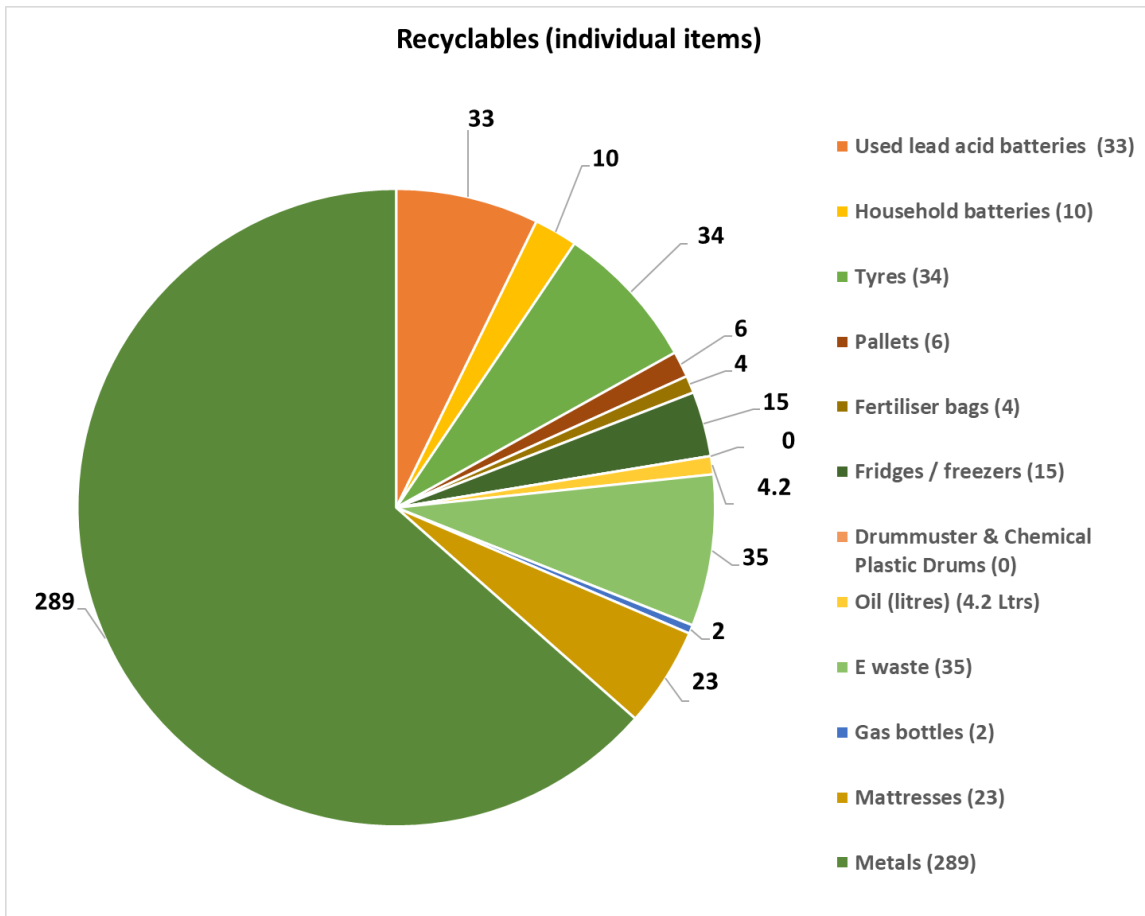
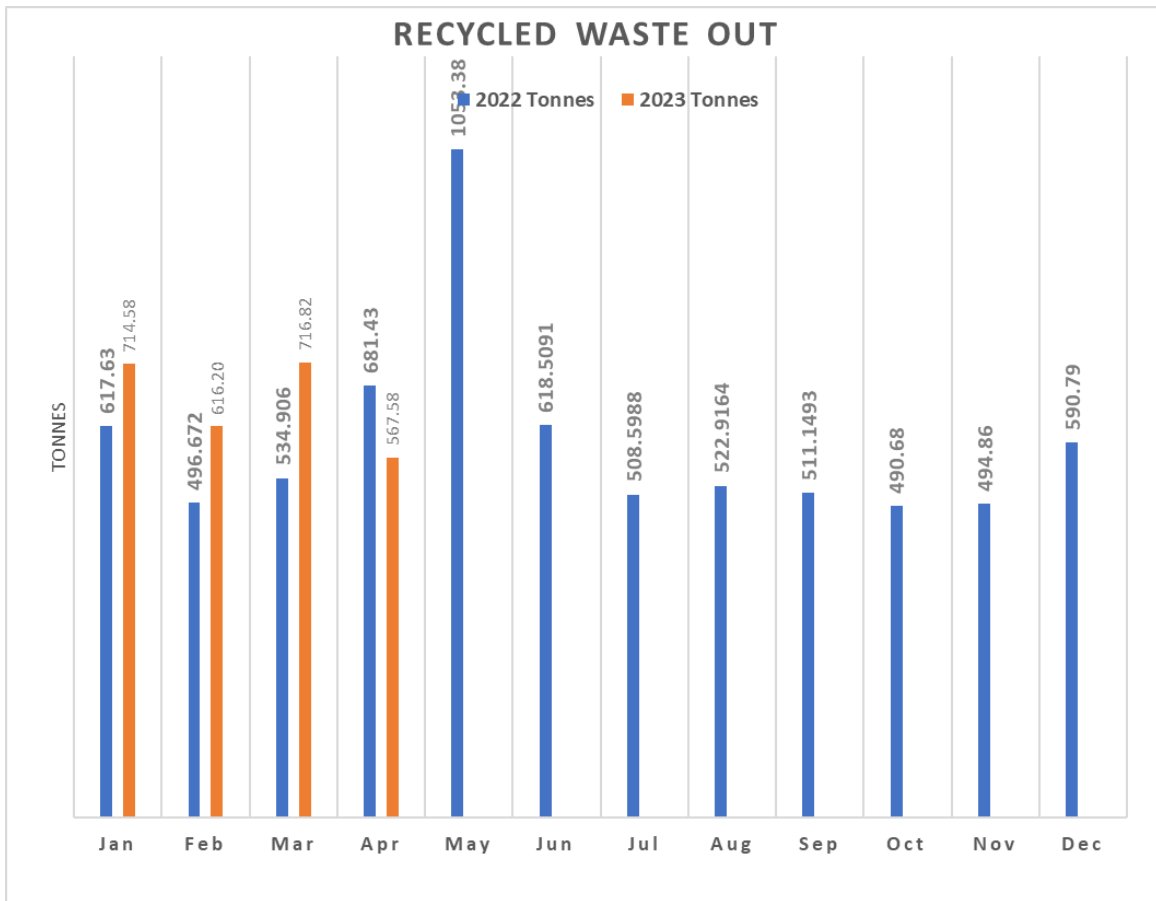


Waste Operations:

The Regional Resource Recovery Plan was presented to the FNQROC Board on 6 April and endorsed, and it is now proposed to be tabled at the Cairns sitting of the Queensland State Parliament 9 to 11 May for approval from the State Government’s Department of Environment and Science (DES).

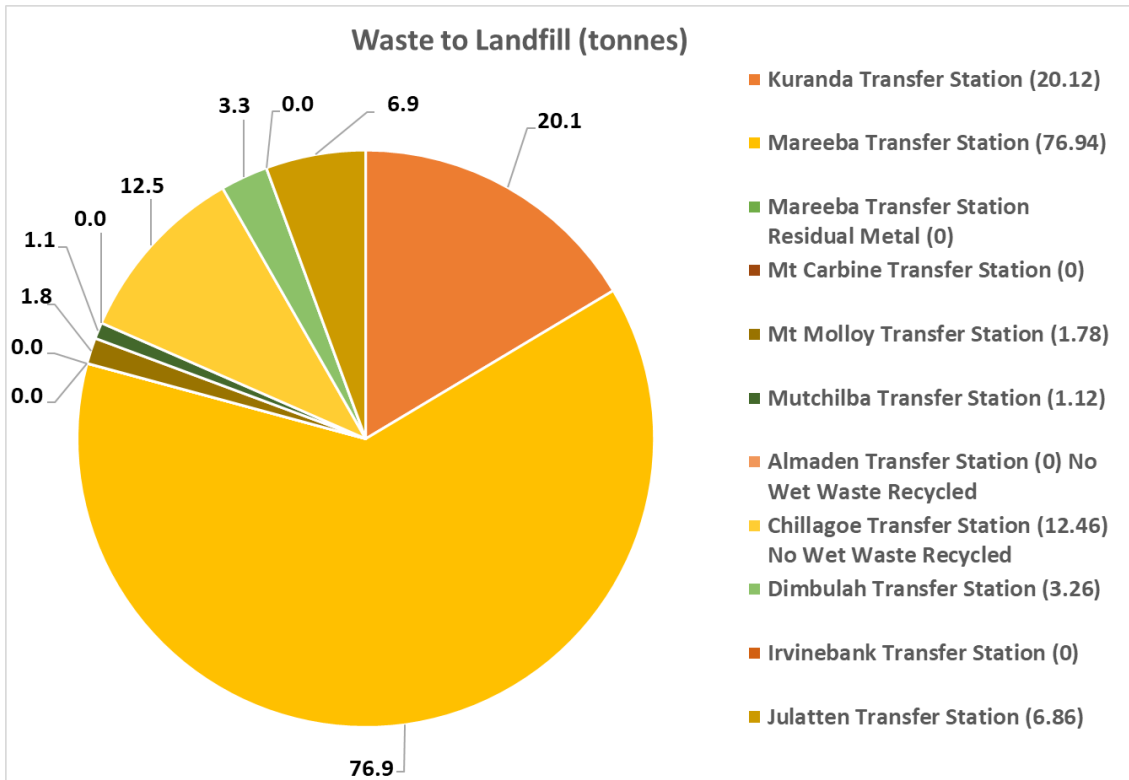
Recycling

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.



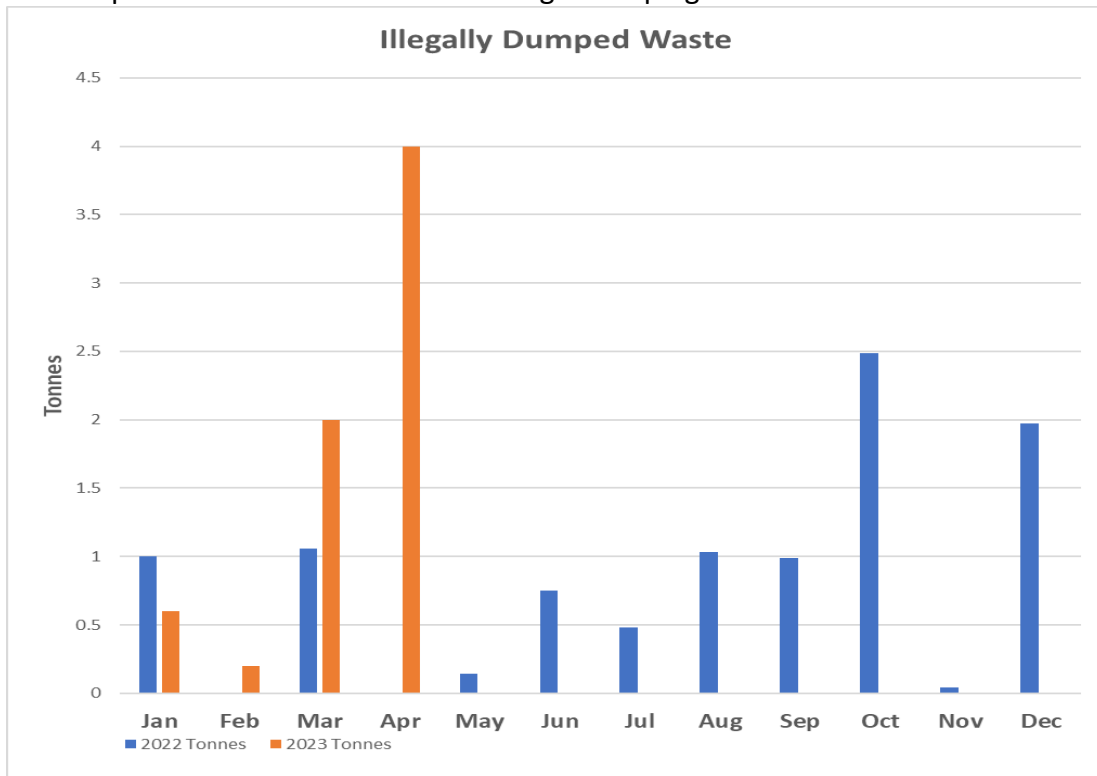
Waste to Transfer Stations

Transfer Station dry waste is transported off site to the Springmount Waste Facility and for the month of April 123 tonnes was landfilled.



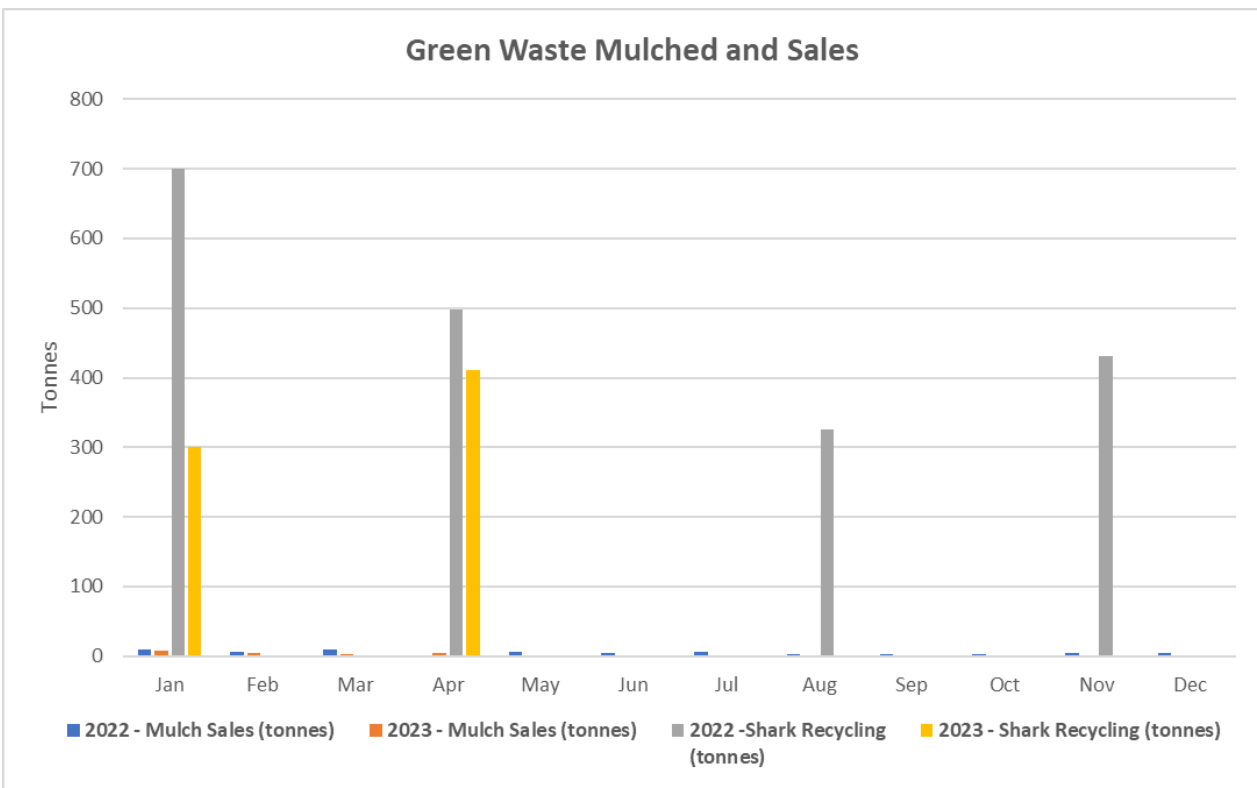
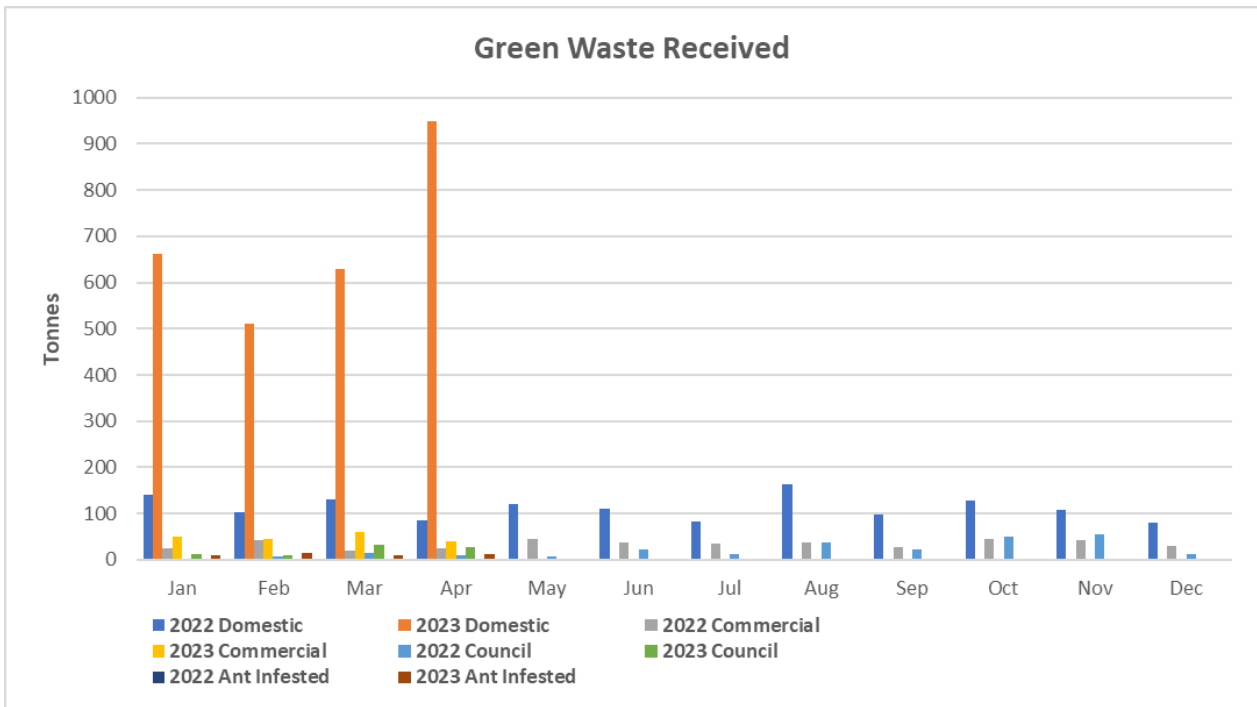
Illegally Dumped Waste

There were 4.0 tonnes of illegally dumped waste recorded through Waste Transfer Stations during the month of April. This does not include the illegal dumping on TMR Roads.



Green Waste

During April, Council received a total of 950 tonnes of green waste with Kuranda recording 13 tonnes of green waste from locations registered as being potentially contaminated with Electric Ants.



RISK IMPLICATIONS**Environmental**

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

LEGAL/COMPLIANCE/POLICY IMPLICATIONS

Nil

FINANCIAL AND RESOURCE IMPLICATIONS**Capital**

Nil

Operating

Nil

LINK TO CORPORATE PLAN

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

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

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

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

IMPLEMENTATION/COMMUNICATION

Nil

9.12 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - APRIL 2023**Date Prepared:** 5 May 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 April 2023.

RECOMMENDATION

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

BACKGROUND**Transport Infrastructure**Emergent Works

Mareeba Shire Council is eligible for DRFA funding following the activation of the shire under the Northern and Central Queensland Monsoon and Flooding 20 December 2022 to 30 April 2023 event.

The extension of the event period means that DRFA emergent works will now be eligible for repair until 29 July 2023.

During April, Works crews have been undertaking emergent work in the following areas/roads within the shire.

| Area/Road | Activity |
|-------------------|--------------------------------|
| Mareeba | Pothole Patching |
| Dimbulah | Pothole Patching |
| Kuranda | Pothole Patching |
| Mt Molloy | Pothole Patching |
| Julatten | Tree Removal |
| Kuranda | Tree Removal |
| Davies Creek Road | Surface Grade (selected sites) |
| McBean Road | Surface Grade (selected sites) |
| Stankovich Road | Surface Grade (selected sites) |
| Wetherby Road | Gravel Pothole & Scour Repair |
| Oak Forest Road | Gravel Pothole & Scour Repair |
| Jeffery Road | Gravel Pothole & Scour Repair |
| Blackdown Road | Gravel Pothole & Scour Repair |
| Ootann Road | Gravel Pothole & Scour Repair |

| Area/Road | Activity |
|----------------------|-------------------------------|
| Lappa-Mt Garnet Road | Gravel Pothole & Scour Repair |
| Fossilbrook Road | Gravel Pothole & Scour Repair |
| Amber Road | Gravel Pothole & Scour Repair |
| Macrae Street | Pavement Failure Repair |
| Bilwon Road | Pavement Failure Repair |
| Clohesy River Road | Pavement Failure Repair |

Unsealed Road Maintenance Grading

| Road | Locality |
|---------------------|----------|
| Ootann Road | Barwidgi |
| Black Mountain Road | Julatten |
| Rasmussen Road | Julatten |
| Pinnacle Road | Julatten |
| English Road | Julatten |
| Nine Mile Road | Julatten |
| Clacherty Road | Julatten |
| Morrish Road | Julatten |
| Henry Hannam Drive | Mareeba |
| Lockwood Road | Mareeba |

General Maintenance

| Activity | Area |
|--------------------|---|
| Slashing/Mowing | Dimbulah, Kuranda, Koah, Mt Molloy, Julatten |
| Herbicide Spraying | Mareeba, Mutchilba, Dimbulah, Mt Molloy, Julatten, Kuranda, Speewah, Koah |
| Drain Cleaning | Kuranda, Mareeba |

Customer Requests

During the month of April, the Works Group received 114 Customer Requests (CRs) with 159 resolved (resolved requests include those received prior to April 2023). The table below shows the number of requests lodged per Works Section for the month.

| Month | Roads | Parks and Gardens | Pest Management | RMPC |
|-------|-------|-------------------|-----------------|------|
| April | 80 | 27 | 6 | 1 |

At the time of reporting, the Works Group had 58 open requests.

TMR Routine Maintenance Performance Contract (RMPC)

During April extensive pothole patching was carried out on all sealed state controlled roads under MSC stewardship across the shire. Additional speed signage was installed at DTMR identified locations on the Mulligan Highway.

The RMPC sign replacement program commenced on the Mareeba-Dimbulah, Burke Developmental and Mossman-Mt Molloy Roads and several land slips were cleared on the Rex Range.

Emergent works, not including pothole patching, continued on the state controlled network and has been focused on the Mareeba-Dimbulah Road.

Parks and Open Spaces

Routine maintenance activities for the Parks and Open Spaces section continued in April, predominantly mowing and slashing in all serviced areas of the shire. With the cooler night time temperatures growth is starting to slow and it is hoped that the number of mowers can be reduced and an increase of brush cutting and herbicide spraying can occur.

Sporting fields will continue to be serviced twice weekly or weekly, depending on usage as well as the Off Leash Dog Park in Mareeba.

Other activities undertaken in April included.

- Preparations of ANZAC ceremony sites Shire wide
- Repairs to "You and Me" swing at Centenary Park Mareeba
- Irrigation audit and repairs where necessary
- Dimbulah Caravan Park tree trimming
- Tree trimming Kennedy Street and The Edge sound barrier
- Mow and maintain Mareeba Cemetery and Pioneer Cemetery
- Burials
 - Kuranda x 2
 - Mareeba x 3
 - Chillagoe x 1

Land Protection

Parthenium Weed: Inspections were 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.

Department of Transport and Main Roads (external funded): Mareeba Shire Council's annual state controlled roadside spray program roads has been the main focus for April targeting pest weeds on MSC's biosecurity plan. Gamba Grass has been treated on Mareeba-Dimbulah Road, Kennedy Highway from Mareeba to the TRC boundary and the Mulligan Highway.

Wild Dogs: Baiting has been carried out on one (1) property in the Mareeba area.

Feral Pigs: Landholders continue to seek advice on baiting, shooting and trapping.

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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IMPLEMENTATION/COMMUNICATION

Nil