

9 INFRASTRUCTURE SERVICES

9.1 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - NOVEMBER 2023

Date Prepared: 16 November 2023

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Attachments:

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

RECOMMENDATION

That Council receives the Infrastructure Services Capital Works Monthly Report for the month of November 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 2023/24 Capital Works Program.

LINK TO CORPORATE PLAN

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

IMPLEMENTATION/COMMUNICATION

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



Project Name: Bicentennial Lakes Gravity Sewer Main Upgrade

Program: Wastewater

Background

The gravity sewer main installation is located adjacent Bicentennial Lakes and connects the previously upgraded section upstream from Rankin Street and discharges upstream of the pump station at Byrnes Street. The project includes all works associated with the construction of a new sewer gravity main, inclusive of a water main relocation to enable the works.

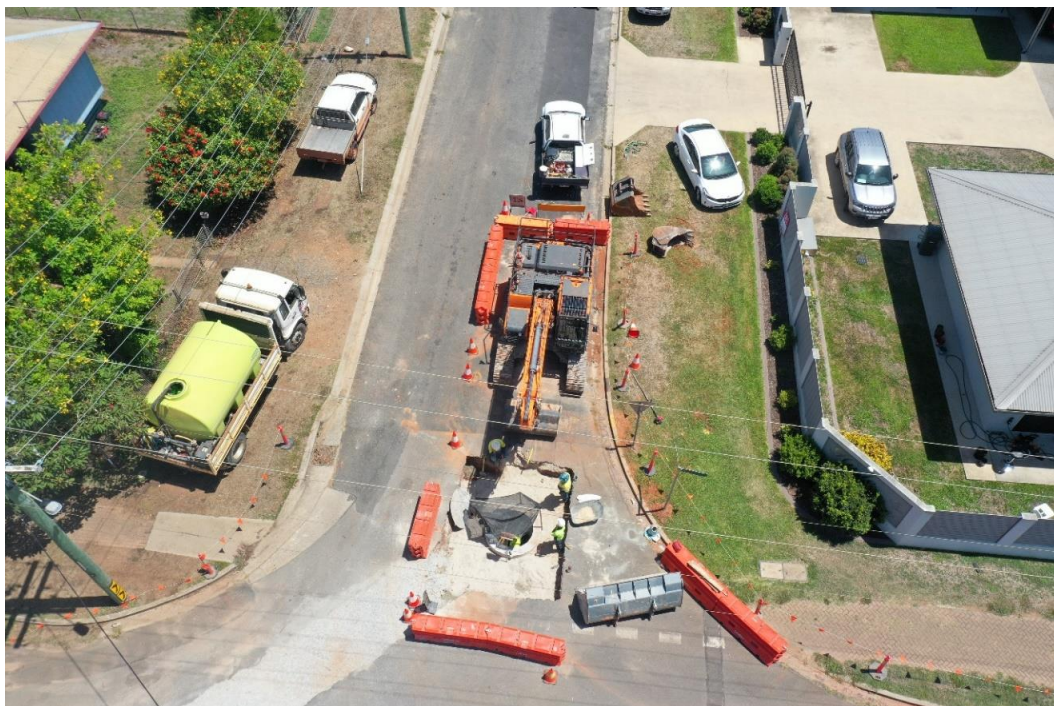
The project is grant funded through the Queensland Reconstruction Authority (QRA) via the Qld Resilience & Risk Reduction Funding Program (QRRRF) and is expected to be completed in late 2023.

Scope of Works

Installation of new 450mm gravity trunk sewer main, sewer manholes and connections and relocation and upgrading of water mains located at Keeble Street and Jacobsen Street and connections and valving. Works are generally limited to the road reserve between the edge of road and property boundary.

Progress Update

Works commenced mid-May and have progressed well with installation of gravity sewer main and the construction of manhole at the intersection of Strattmann and Keeble Streets completed during November.



Construction of manhole at the intersection of Strattmann and Keeble Streets

**Infrastructure Services Capital Works Report
Project Highlights – November 2023****Project Name: Mareeba Water Plant Booster Pump Station Project****Program: Water****Background**

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

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

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

Scope of Works

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

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

Progress Update

Works have progressed well with the contractor undertaking civil earthworks, shed construction and running of electrical conduits during November.

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



Civil earthworks continuing along with pump shed construction

**Infrastructure Services Capital Works Report
Project Highlights – November 2023****Project Name: Mareeba Water Plant Filtration System Upgrade****Program: Water****Background**

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

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

Scope of Works

The scope of works includes:

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

Progress Update

Works commenced and have progressed well with the contractor undertaking civil earthworks and commenced construction of concrete floor and walls for the new filtration modules.

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



Construction of filtration modules progressing along with civil earthworks

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



Project Name: Water Main Replacement Upgrade Program – Mason Street

Program: Water

Background

An allocation has been provided in the 2022/23 Capital Works Program to replace failing and ageing water mains throughout the Shire as part of Council's strategy to address critical water issues across the Shire over the next 10 years.

This section of water main was identified for replacement following the numerous main breaks occurring in the past few years, and is being upgraded ahead of completion of the Bicentennial Lakes Southern Precinct park upgrade project.

Scope of Works

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

Progress Update

Works along Mason Street have progressed well with no interruptions to the scheduled program.



Mason Street installation of the new 150mm diameter PVC Supermain water main

**Infrastructure Services Capital Works Report
Project Highlights – November 2023****Project Name: Mareeba Raw Water Pump Station Upgrade Project****Program: Water****Background**

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

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

Scope of Works

The scope of works includes:

- Design and specification of new Variable Frequency Drives (VFDs) for control of the new Raw Water pumps
- Design of modifications of existing pipework that may be required to suit installation of the new Raw Water Pumps
- Construction of new electrical MCC for the new Raw Water Pumps, to establish the 1-in-100year flood level and to locate the electrical MCC in an area above this level
- Geotechnical investigation of area proposed for the new MCC
- Manufacturing of the electrical and control cabling for the proposed new pump station installation, from the existing WTP Main Switchboard in the Control Building to the new kiosk MCC and the pumps

Progress Update

Works have progressed well with the contractor undertaking civil earthworks, installation of electrical conduits and minor pump station penetrations for new pipe work.

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



Civil earthworks continuing along with raw water pump shed construction

Infrastructure Services Capital Works Report

Project Highlights – November 2023



Project Name: New Kuranda Cemetery

Program: Cemeteries

Background

The existing Kuranda Cemetery has been approaching capacity for several years necessitating the requirement for Council to acquire a suitable location for the establishment of a new community burial facility. The property located on Kuranda Heights Road became available and was purchased for the purpose of becoming the preferred location for the new facility. The contract works for Stage 1 will provide burial capacity for the next 10 – 15 years.

Scope of Work

The tendered scope of works includes:

- Earthworks
- Roadworks
- Stormwater Drainage
- Water Supply/ Connection
- Carparking
- Landscaping
- Toilet Block
- Concrete works including: kerbs, pathways, beams

Progress Update

Bulk earthworks, roadworks, stormwater drainage, water supply, carparking, landscaping and concrete works for kerbs, pathways and toilet facility are complete. Toilet construction is currently underway and the first lawn beam is in planning for installation.



Kuranda Heights Cemetery – new road works complete

Infrastructure Services Capital Works Report Project Highlights – November 2023



Kuranda Heights Cemetery – new carpark complete



Kuranda Heights Cemetery – New footpath complete and toilet construction commenced.

Infrastructure Services Capital Works Report

Project Highlights – November 2023



Project Name: Bicentennial Lakes Revitalisation Project

Program: Parks and Open Spaces

Background

This project will activate the Lakes, breathing life back into the area and surrounds for the enjoyment of our community and visitors.

Scope of Work

The Bicentennial Lakes Project will completely revitalise the Lakes, starting in the southern section between Rankin Street and Keeble Street. In the southern section, the weirs will be removed, and the lakes will be filled to allow for more parkland. A watercourse will remain, although it will be narrower to encourage seasonal rains to flow through into the northern section. Water will no longer stagnate in a series of weirs. The increased parkland will allow for the addition of a playground and outdoor facilities.

Key Features:

- Bulk earthworks to improve the movement of water
- Earthworks to increase parkland in the southern section
- Construction of a playground and pump track
- New toilet facility
- Footpath improvements
- Construction of outdoor facilities

Progress Update

Waterway improvements

The weirs have been removed in the Southern Lakes precinct; the silt is being removed from the drained lakes and rock lining is being installed to reshape into a gully.

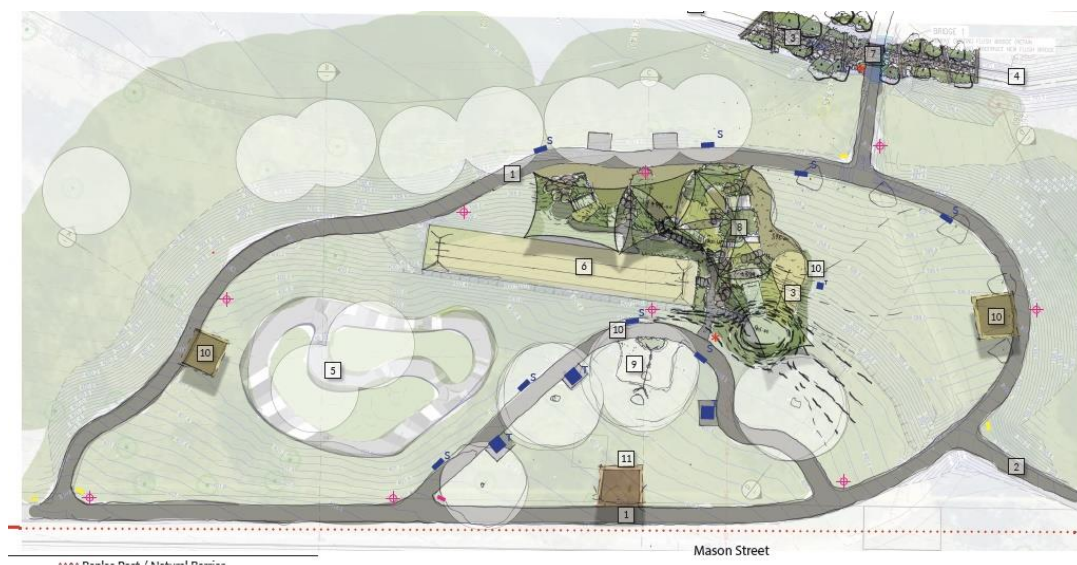
Mason Street Playground

A contract has been let for the pump track construction and construction works are scheduled to commence in mid-November 2023 and is scheduled for completion in the New Year.

Toilet construction works are underway.

Playground equipment including a flying fox, hill slides, rope climb net and swing are being manufactured.

Infrastructure Services Capital Works Report Project Highlights – November 2023



Bicentennial Lakes Southern Precinct Concept Plan



Bicentennial Lakes Southern Section Reconfiguration Rock Lining Installation

Infrastructure Services Capital Works Report Project Highlights – November 2023



Bicentennial Lakes Southern Section Reconfiguration



Bicentennial Lakes Southern Section Reconfiguration

Infrastructure Services Capital Works Report Project Highlights – November 2023



Project Name: Dimbulah Pump Track

Program: Parks and Open Spaces

Background

As part of the Parks and Open Spaces Strategy, Council engaged with the Dimbulah community to identify a new play feature for the town. The clear feedback received was that tweens and teens needed to be catered for as well as younger children. The agreed outcome was that a pump track would provide an active recreation option suitable for all ages. As part of the project, it was also identified that an old steel skate bowl on the outskirts of town and play equipment in the Dimbulah Memorial Hall Park that have reached end of life will be removed for safety.

Scope of Work

- The Design to include a variety of features including berms, rollers, jumps and change of direction options.
- Approximately 130 lineal meters of asphalt track.
- Total track to consist of 350m² of asphalt.
- Line marking on asphalt.
- 400M2 of turf for reinstatement upon project completion.
- Approx 80LM of 1200mm high, Banksia Weldmesh Rolltop fencing and 2 access gates.

Progress Update

Construction is continuing including completion of asphalt works and commencement of fencing in November, with turf and irrigation to be completed in early December.

The pump track is planned to open to the public in mid-December.

Infrastructure Services Capital Works Report Project Highlights – November 2023



Dimbulah Pump Track Shaping Earthworks



Dimbulah Pump Track Asphaltting Works Commencement

Infrastructure Services Capital Works Report Project Highlights – November 2023



Dimbulah Pump Track Asphalting Works Commencement



Fence Construction Commencement

Infrastructure Services Capital Works Report

Project Highlights – November 2023



Project Name: Springmount Road – Curve and Culvert Widening Ch 13.18 - Ch 18.10

Program: Rural Roads

Background

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

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

Council received Federal Government funding from the Heavy Vehicle Safety and Productivity Program (HVSP) to undertake curve and culvert widenings on Springmount Road. The grant will cover 80% of the design and construction costs with the Queensland Government's Transport Infrastructure Development Scheme (TIDS) contributing 10% and Mareeba Shire Council the remaining 10%.

Scope of Works

The scope of works includes the widening and bitumen sealing of curves and associated culverts between chainage 13.18km and chainage 18.10km on Springmount Road. Extensive culvert inlet and outlet works were required to de-water some of the existing culverts that have silted up after many years.

Progress Update

Culvert headwall, wingwall and apron construction has been completed along with all road widenings. The final bitumen two coat seal was applied 23 November. Line marking was installed 5 December along with signage and guideposts, completing the project.



Springmount Road - After

Infrastructure Services Capital Works Report Project Highlights – November 2023



Springmount Road – After



Springmount Road – After

Infrastructure Services Capital Works Summary Report - November 2023



Project Code	Project Description	Project Stage	Project Comment
Program: 01 Rural and Urban Roads Reseal Program (Renewal)			
P0001020	23/24 Reseal & Asphalt Program	Construction	Bitumen re-seals are programmed to commence late January, weather permitting.
P00835	BETTERMENT Co-Contribution	Procurement	Gully Betterment approved by QRA and construction contract documentation being finalised.
Program: 02 Gravel Resheet			
P0001022	23/24 Gravel Resheet Program	Construction	Re-sheeting of various sections of Bolwarra Road commenced in October. The total length of re-sheeting is estimated to be 15km.
Program: 03 Urban Streets			
P0001023	Recovery Way (WTS) Rehab Ch 0.176-0.272	Not Commenced	Programmed for 2nd half of current financial year.
P0001024	Myola Rd Ch 0.2-3.06	Procurement	R2R funding confirmed. Tenders called & will close 15/12/2023. Works to be completed by early February 2024, weather & contractor availability pending.
P00791	Hastie/Constance Upgrade (School)	Procurement	RFQ closed - quotes received. Budget shortfall. Currently assessing how to proceed.
P00795	TIDS 23-27 Herberton/Constance Inter	Design	Draft design received, final checks being undertaken on some services which maybe impacted to assist in finalisation.
P00797	TIDS Rankin/Walsh St Roundabout	Design	Awaiting finalised report from Consultant. Detailed design to commence in early 2024.
P00943	Design Only McIver Rd Ch. 0.00-7.20	Design	Design to be completed June 2024.
Program: 04 Rural Roads			
P0000948	TIDS 23/24 Springmount Rd Ch 11.35-12.7	Procurement	Plans received & procurement commenced. Works will commence on site mid-January, weather permitting.
P0000949	TIDS 23-25 Springmount Rd Ch 6.7-7.55	Procurement	Procurement underway. Some culvert widening works & clear & grubbing will commence before the Xmas break. Works will continue in the new year, weather permitting. A 10% budget increase has been approved by FNQROC RRTG TC.
P00801	TIDS Ootann Rd Section 1&2 Widen & Seal	Procurement	Federal funding approved. New project milestones will be formulated once advice from Department of Infrastructure, Transport, Regional Development, Communications and the Arts on funding dates has been received.
P00802	TIDS Springmount Rd - Ch13.2 to 18.1	Construction	Construction complete. Line marking to be installed 05/12/2023.
P00836	R2R Bilwon Rd Rehab & Culverts	Completed	Project complete October 2023.
Program: 05 Bridges			
P00711	Granite Ck Mba Replace Footbridge Deck	Procurement	Materials ordered. Works to be completed by 22/12/2023.
P00712	Palm Cl Mba Replace Footbridge Boards	Construction	Materials in store. Work to commence in December 2023.
P00713	Bicentennial Lakes F/bridge Safety Upgr	Procurement	Handrail will be repaired early 2024. Materials procured.
P00839	Bullaburrah Ck Rd C'way Relieving Slab	Not Commenced	Not commenced.
P00840	Clohesy River Barron St Inspect & Design	Design	GHD to undertake review of previous design and advise as to whether it remains suitable as replacement project.
P00841	Bolton Rd Inspect/Design/Repl Girders	On Hold	Draft Report received, review underway.

Infrastructure Services Capital Works Summary Report - November 2023



Project Code	Project Description	Project Stage	Project Comment
P00842	Barron Riv. Bridge Oakforest Rd Insp/Des	Design	GHD Load Assessment completed 6/11/2023, report anticipated by mid December.
P00843	Barron River Cwy Henry H Dr Repl Slabs	Not Commenced	Not commenced.
Program: 06 Drainage			
P0001021	23/24 Minor Culvert & C/ways Program	Construction	Four culvert road crossings installed on Pickford Road in September.
P00844	MBA Amaroo Drainage Upgrades	Design	Design works commenced, anticipate completion February 2024.
P00845	MBA Hastings Dr Replace Concrete Pipe	Construction	Interflow will commence relining 04/12/2023.
P00938	Tilse Street Upgrade Drainage	Construction	Works to be completed prior to Christmas 2023.
Program: 07 Traffic Facilities			
P0000947	Mareeba Aerodrome Safety & Repairs	Construction	Replacement fire fighting pumps to be installed prior to end of financial year.
P0000951	Anzac Ave LATM Upgrades	Design	Initial concept prepared.
P0001025	Design Only Byrnes St Accessibility	Planning	Stormwater capacity assessment commenced. Grant application lodged for CBD upgrades design.
Program: 08 Parking			
P00715	Borzi Park Mba Carparking Masterplan	On Hold	On hold pending sporting clubs' grant applications.
P00846	MBA Heritage Centre Carpark Extension	Design	Layout Plan and Quantities completed. Engagement to commence in early 2024.
Program: 09 Footpaths			
P0001026	23/24 Footpath Renewal Program	Procurement	Quotations have been called for the reconstruction of a section of footpath at the northern end of Byrnes Street adjacent to Think Water that will extend to new footpath work around Rotary Park.
P0001027	23/24 Footpath Upgrade Program	Planning	Locations to be identified.
Program: 10 Parks and Gardens			
P0001028	Mary Andrews Park Repaint Play Equip	Construction	80% of the required replacements have been completed. Big Splash will be installing the last two components when they erect the new play equipment at the bicentennial lakes.
P0001029	Kda Com Precinct Parks Upgrade	Planning	Planning to progress in 2024.
P0001030	Mba-Dim Rd/Mulligan Hwy Intersection	Not Commenced	To be undertaken after March 2024.
P0001031	Byrnes St Median Hedges (Lloyd-Granite)	Not Commenced	To be programmed for after March 2024.
P00805	Chillagoe Parks Improvement	Construction	RFQ submissions for half sized Basketball courts received. Molloy Constructions awarded works. Works to commence early January 2024.
P00806	DIM Parks Refresh	Construction	Pump track complete. Landscaping works progressing. Fence works complete.
P00807	KDA Centenary Park Playground Upgrade	Construction	Hans Pehl currently refurbishing the sign structures for repurposing for positioning in new location. Centenary Park structure will promote Australian attractions.
P00809	MBA Bicentennial Lakes (Southern) D&C	Construction	Waterway reconfiguration progressing. Playground equipment in manufacturing. Toilet construction commenced.
P00817	MBA Byrnes St Medians	Not Commenced	Project to be programmed for after March 2024.
P00818	MBA Anzac Memorial Pk L'scaping & Safety	Completed	Project completed November 2023.

Infrastructure Services Capital Works Summary Report - November 2023



Project Code	Project Description	Project Stage	Project Comment
P00853	MBA Byrnes St Traffic Islands (BP)	Not Commenced	Commence project after March 2024.
P00855	MBA Connection Rd/Byrnes St Intersection	Not Commenced	Commence project after March 2024.
P00860	KDA Anzac Park Landscaping	Design	The proposed scope of works reduced in line with community expectations. Proposed to commence in early 2024 with initial tree trimming and fountain demolition in preparation for the concrete pathway upgrade.
P00861	KDA Coondoo Street Refurb	Design	On hold pending grant application outcome.
P00862	KDA CBD Planter Boxes & Gardens	Not Commenced	On hold pending grant application outcome.
P00865	IRV Bill Newburn Park Refresh	Procurement	Shelter and swing set installation expected in December 2023/January 2024.
P00939	Roscommon Park -Renew Exercise Equipment	Procurement	Fitness equipment and artificial turf installed. Shade sail to go out to RFQ now that location, layout and orientation fixed.
Program: 11 Water			
P0001032	Chillagoe WTP Construct Storage Shed	Construction	Shed kits delivered to site. Construction to commence 30 November 2023.
P0001033	Chillagoe WTP Construct Roof over Plant	Construction	Shed kits delivered to site. Construction to commence 30 November 2023.
P0001034	Ibis Dam Replace Inlet Feed Pipeline	Planning	Stores have ordered materials, once they arrive actual installation works will commence.
P0001035	23/24 WTP Minor Infra Replace Program	Construction	Various minor projects under way which include the Dimbulah WTP chlorination works and Mareeba WTP sludge lagoon concreting.
P0001036	23/24 AC Water Main Replace Program	Construction	Works continuing to progress on schedule. Works between Warren and Downs St completed.
P0001037	23/24 Water Telemetry/SCADA Upgrades	Planning	W&W along with IT participating in a presentations by iControl on Ignition Historian and with Parasyn on Canary as the current Historian eDNA is at the end of its useful life. Following the presentations a decision will be made on which new Historian platform for W&W will be acquired.
P0001038	23/24 Retic Valve/Hyd Replace Program	Construction	Works progressing now materials have arrived.
P0001039	23/24 Retic Smart Meter Replace Program	Construction	Works on installation of new meters underway and this work will progress for some time.
P00730	Mba WTP Study for Upgrade of WW System	Construction	Estimated completion early to mid 2024.
P00733	BOR6 MWTP Filtration Upgrade	Construction	Contractor on site with civil excavation and concrete works underway. There are some long lead times on equipment arrivals though at this stage not expected to hold project up but will advise as things progress.
P00824	MBA Clear Water Booster Pump Station	Construction	Contractor has made good progress on civil works, shed slab and shed frame construction. There are some very long lead times on critical equipment items for this project and will advise as things progress but at this stage the project is on schedule.
P00874	MBA WTP Raw Water Pumps & Electrics	Construction	Project work is underway with new electrical switchboard completed and the arrival of the new pumps, its estimated that the switchboard and electrical cabling will be installed late November through December with internal pump station works to follow.

Infrastructure Services Capital Works Summary Report - November 2023



Project Code	Project Description	Project Stage	Project Comment
P00876	BOR6 22/23 Water Forward Design Program	Design	Although works are completed and project could be closed out Council are in discussions with State Government to determine whether residual funds can be allocated to a new design project.
P00877	MBA Additional Pressure Reduction Valves	Construction	This work is being done in conjunction with the booster pump station project. It should be highlighted there is a 28 week lead time on the delivery of equipment from France.
P00878	MBA Deommission Basalt St Elevated Tank	Construction	This work will be done in conjunction with the commissioning of the booster pump station.
P00879	MBA Decommission Granite Ck Pump Station	Planning	Project cannot commence until the new water booster station project has been commissioned.
P00882	WTP Minor Infrastructure Replacements	Construction	Works were scheduled to be completed by end of December, however some critical equipment has not arrived from England and the works will now be completed in February 2024.
P00883	MBA WTP Clarifier Infra Process Improv.	Design	Design report completed and received. Project funds could be used for grant seed funding on next BOR grant program.
Program: 12 Wastewater			
P0001040	Mba WWTP Install Gantry (Blower Room)	Design	OSE Group progressing to Design Documentation.
P0001041	Mba WWTP Inlet Works Replacements	Construction	New screens ordered and being manufactured, once they're made they'll be shipped to site and installed.
P0001042	Kda WWTP Intet Works Replacements	Construction	New screen being manufactured and once made will be shipped to site and installed.
P0001043	Atherton St Pump Station Refurb	Not Commenced	Project subject to grant funding.
P0001044	Robins St SPS Rising Main Upgrade	Not Commenced	This project being done as a variation to the Bi-Lakes Gravity Sewer Main work.
P0001045	23/24 WW Retic Pump Renewal Program	Planning	An assessment will be made following the routine pump servicing in November on which pump/pumps require replacing.
P0001046	23/24 WW Telemetry/SCADA Upgrades	Planning	W&W along with IT participating in a presentations by iControl on Ignition Historian and with Parasyn on Canary as the current Historian eDNA is at the end of its useful life. Following the presentations a decision will be made on which new Historian platform for W&W will be acquired.
P0001047	23/24 WW CCTV & Relining Program	Construction	Contracts have just been signed off on and works will commence on the regional program with MSC's section scheduled in January/February 2024.
P0001048	SPS New Standby Generators	Construction	New generators now positioned at relevant pump stations and electrical and telemetry connections will be done as soon as practical.
P0001049	23/24 WW Manhole Rehab/Replace Prog	Construction	Project tender now awarded and contractor to completed works by end of financial year.
P0001050	Kennedy Hwy PS Control Board Upgrade	Construction	Project under way with the manufacturing of the new switchboard. Once built it can be shipped to site and installed.
P0001051	Mba WWTP Sewer Pump Replacement	Procurement	Supervisor Treatment Operations placed an order for the new pump, once it arrives it will be installed. There is a 12 to 16 week lead time on delivery.
P0001052	23/24 WWTP Minor Infa Renewal Program	Construction	Works currently underway and should be completed this financial year.

Infrastructure Services Capital Works Summary Report - November 2023



Project Code	Project Description	Project Stage	Project Comment
P0001053	23/24 WWPS Refurbishment Program	Construction	Working with suitable consultants and suppliers to understand the works required at some key SPS's before commencing works and councils fabricator completed the upgrading of shelters to the pump stations in Kuranda.
P00886	MBA Bi-Lakes Sewer Main Capacity	Construction	Contractor working toward having most of the project works finalised by 22 December 2023. Final road reinstatement will be done in the new year.
P00889	22/23 MBA Sewer CCTV & Relining	Construction	Relining works are substantially complete. Some minor works will need to be finalised then once invoices are received and paid project can be closed out.
P00894	Minor WW Pump Station Refurbishments	On Hold	Subject to grant funding.
Program: 13 Waste			
P0001054	23/24 Mba L/Fill Leachate Pump Replace	Planning	An assessment will be done by end of 2023 on which pumps to replace.
P0001055	23/24 Mba L/Fill PS Pump Replace	Planning	An assessment will be done by end of 2023 on which pumps to replace.
P00935	MBA/KDA Transfer Station Security Improv	Construction	Contractor has been engaged and once their equipment arrives the works will commence.
Program: 15 Fleet			
P0001066	Fleet Replace #14 Grader Caterpillar	Procurement	Purchase order raised and sent. Expected delivery March/April 2024.
P0001067	Fleet Replace #401 Mini Excavator	Planning	Currently in planning stage.
P0001068	Fleet Replace #619 Job Truck Tipper	Procurement	Purchase order raised, truck delivery mid January 2024.
P0001069	Fleet Replace #1206 Mitsu Pool Vehicle	Procurement	Purchase order raised, truck delivery mid March 2024.
P0001070	Fleet Replace #1210 Mitsu Pool Vehicle	Planning	Currently in procurement stage.
P0001071	Fleet Replace #1231 Toyota WW	Procurement	Tender evaluation underway.
P0001072	Fleet Replace #1313 Nissan Dual Cab	Procurement	Tender evaluation underway.
P0001073	Fleet Replace #1402 Mazda Oncall Veh	Procurement	Tender evaluation underway.
P0001074	Fleet Replace #2055 Mitsu P&G	Procurement	Tender evaluation underway.
P0001075	Fleet Replace #4050 Kubota Zero Turn	Procurement	Mower delivered 30 November 2023, waiting final fit out.
P0001076	Fleet Replace #4051 Kubota Out Front	Procurement	Mower delivered 30 November 2023.
P0001077	Fleet Replace Jet Rodder Trailer	Completed	Machine has been delivered and in service.
P0001078	Fleet New Caterpillar Mini Excavator	Procurement	Waiting delivery, mid December 2023.
P00427	GPS Vehicle Management System	In Progress (for the non-infrastructure projects)	As new equipment comes on line, Procurement will commence. Expected April 2024.
P00915	Fleet Replace #675 Crew Cab Tipper	Procurement	Truck received and with the body fabricator. Waiting delivery date from supplier.
P00916	Fleet Replace #623 Crew Cab Tipper	Procurement	Truck received and with the body fabricator. Waiting delivery date from supplier.
Program: 16 Depots and Council Offices			
P0001064	Mba Depot Admin Building Refurb	Design	Design complete. Scoping works commenced.

Infrastructure Services Capital Works Summary Report - November 2023



Project Code	Project Description	Project Stage	Project Comment
P0001065	Mba Depot Stores Mez Floor Safety Upgr	Planning	Extra support has been added. Waiting on the stairs to be installed, should be completed by the end of December 2023.
P00759	Kowa St MSC Depot Emergency Generator	Planning	Will recommence investigations February 2024.
Program: 17 Community Buildings			
P0000950	Cedric Davies Hub Disaster Resilience Up	Construction	Communication mast removed and re-installed for new roof sheeting.
P0001056	Chillagoe Hall Septic Modifications	Construction	Contract awarded to Langley Plumbing. Works to commence mid December 2023.
P0001057	Mba Aquatic Fac Pump Shed Upgrades	Planning	Fencing will be installed by the end of December 2023.
P0001059	Mba/Dim Aquatic Condition Assessment	Planning	Condition Assessment scope of works in development. Expect Quotations to be called early 2024.
P0001060	Dimbulah Hall Replace Roller Doors/Gates	Completed	New auto security grille , fully installed and operational.
P0001061	Dimbulah Hall Replace Roof	Completed	Major works completed.
P0001062	23/24 Amenities Refurbishment Program	Planning	Davies Park toilets. Painting will be completed in mid December. The floors will be completed prior to Christmas 2023.
P0001063	Davies Park Lighting Upgrade	Design	Preliminary Lighting design received for use with grant funding application.
P0001087	Aquatic Facilities Equipment	Procurement	Pool Blankets and Chair Lift onsite.
P0002902	SES SUPPORT Kda SES External Facility	Procurement	Shed kit ordered. Works to commence early January 2024.
P00749	Aquatic Facility Upgrades & Splash Park	Completed	Emergent electrical works complete. Ergon offer pending following electrical engineer assessment and application for increased power capacity into the facility. Allowance is currently 200 amps per phase application to increase to 260 amps per phase
P00793	MBA Women's Restroom Refurb	Planning	Report received. Finalising the repairs that need to be done.
P00819	22/23 Shire Toilet Facility Repl Program	Construction	Mareeba Cemetery, Vains Park complete. Aerodrome Toilet confirmation of completion underway.
P00827	MBA Community Hub Signage & Seating	Completed	Shelter and seating completed.
P00905	KDA Community Prec. Toilet Refurb	Completed	Painting works completed.
P00909	KDA Aquatic Cnt 25m Pool Aquaris Upgrade	Procurement	Awaiting receipt of 2nd & 3rd quotes from suppliers, it has proven difficult to source contractors for works.
P00941	23/24 Park/Sporting LED Lights Arnold Pk	Design	Electrical Engineer undertaking design. Waiting on the report due to staff shortage from contractor.
P00942	22/23 DIM Town Hall A/C/Solar/Lighting	Design	Electrical engineering design commenced.
Program: 18 Non-Infrastructure Items			
P0000946	Mba Cemetery New Mausoleum Wall	Construction	Slab and first level blockwork complete.
P0001058	WAT Cemetery Lawn Plaque on Beam	Not Commenced	Works will be carried out in December 2023.
P0001084	Mba Cemetery New Lawn Beam (x2)	Construction	Works commenced 23/11/2023 & will be completed by mid December 2023.
P0001085	Mba Cemetery Expansion Planning	Not Commenced	Not commenced.
P00446	Kuranda New Cemetery	Construction	Bitumen and asphalt pavement works complete. Toilet is under construction.
P00932	MBA MIP Expansion	Planning	Delays with consultant providing draft Masterplan.

9.3 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - NOVEMBER 2023**Date Prepared:** 16 November 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 November 2023.

RECOMMENDATION

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

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

Investigation activities undertaken in November included:

Activity	Current Requests	Closed Requests
Road Infrastructure Review	77	13
Drainage Investigations	19	8
NHVR Permit Applications	0	20
Traffic Count Surveys	0	12
Parks Investigations	4	0
Miscellaneous e.g. Planning; Local Laws	31	9
Before You Dig Requests	0	62

Soil Laboratory:

Council's Soil Laboratory provides NATA-accredited soil and material testing for internal and external services. Approximately 207 tests were undertaken during the month, with a significant percentage being for External Clients.

Asset Inspections:

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

Ongoing improvements to GIS data associated with water, sewerage, roads, underground stormwater, and kerbs asset data sets continues, as information is received from other areas of Council. An internal data improvement project for stormwater assets has resulted in improved asset and condition data within the Mareeba Township, with Kuranda Township soon to be completed.

Operational Works and Subdivisions

To ensure ongoing compliance with development conditions, both during construction and on-maintenance, Council undertakes routine inspection and monitoring of sites. The following developments remain current:

Locality	Subdivisions Name	Status
Kuranda	Jum Rum Rainforest Estate Stage 1, Fallon Road	Under construction
Mareeba	Prestige Gardens Stage 1-6	Under construction
Mareeba	Catherine Atherton Drive	Under construction
Mareeba	Emerald End Road and Country Road	Under construction
Mareeba	Amaroo Stage 13a	On-maintenance
Mareeba	Amaroo Stage 12	On-maintenance
Mareeba	7 Haren Street	On-maintenance
Mareeba	Kenneally Estate Stage 4	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
2022 DRFA	Far North Queensland Low Pressure Trough, that occurred 1 – 7 February 2022. All contracts are on track for practical completion prior to end of calendar year, with the exception of Gamboola Crossing bridge which has been demobilised prior to wet season, with work on deck units to be undertaken over the wet.
2022 Betterment	QRA approval received, and construction contract documentation being finalised.
2023 DRFA	Northern and Central Queensland Monsoon and Flooding Event, 20 December 2022 – 30 April 2023. Focus on finalising damage assessments/submission for QRA consideration as well as preparing reconstruction contracts for priority locations.
2023 Bushfires	A number of fires within communities have been responded to by QFES, with Council providing support on request, i.e. traffic management, plant engagement, etc.

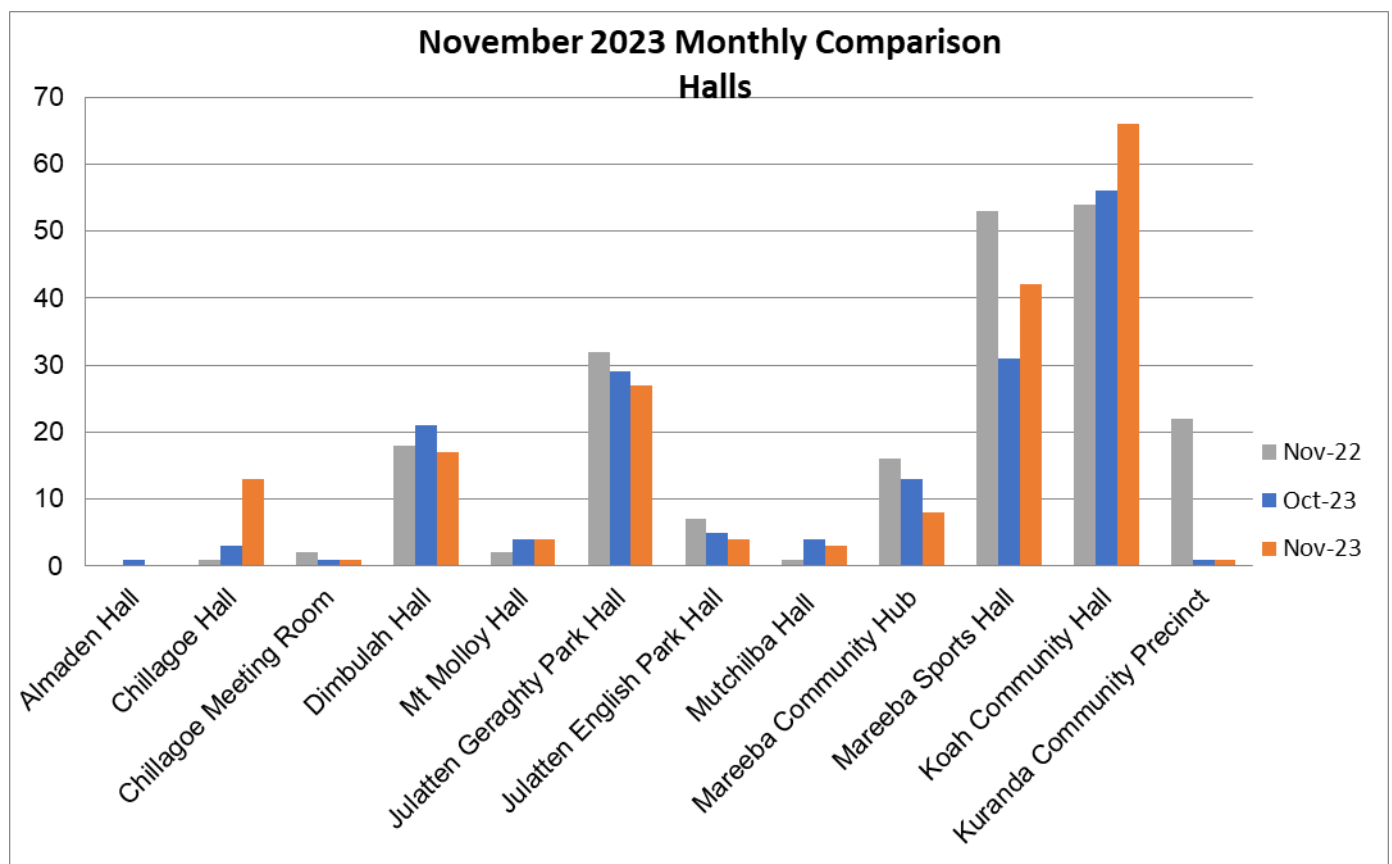


Gamboola Crossing over Mitchell River, Strathleven Road – construction of bridge piers and headstocks in progress

Facilities

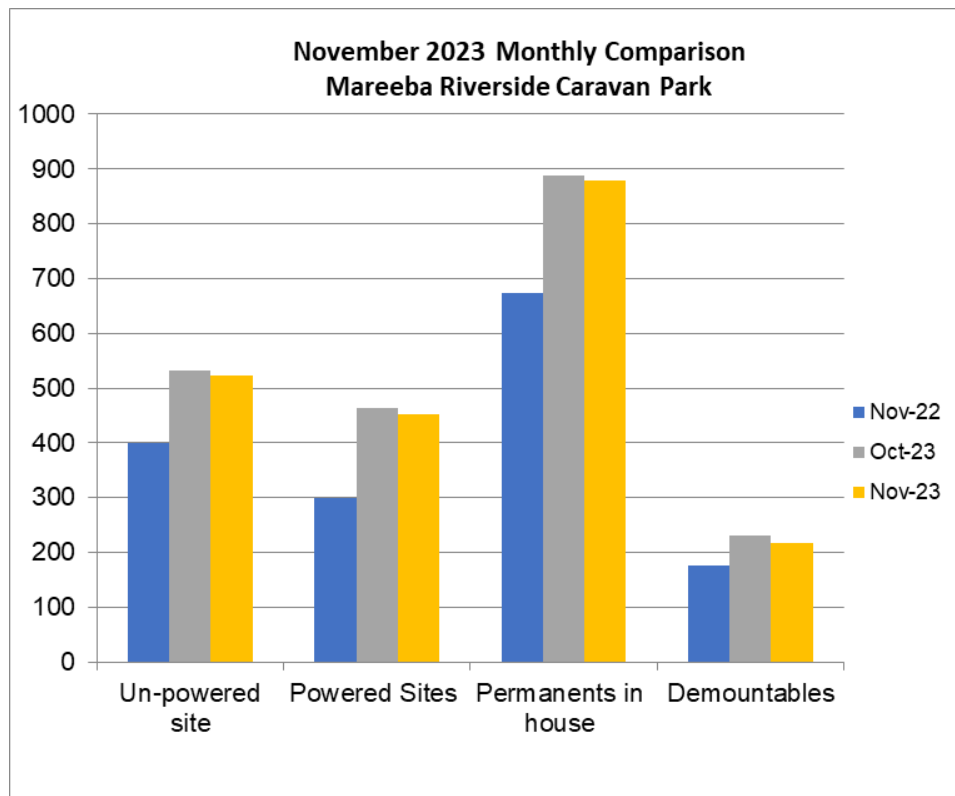
Community Halls:

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

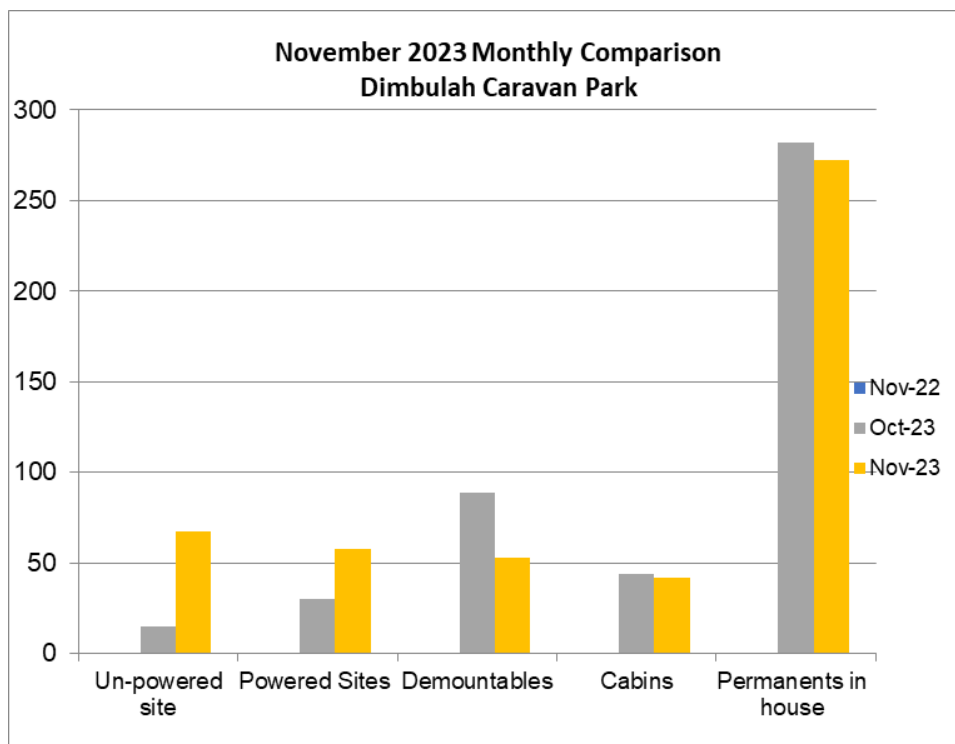


Caravan Parks:

Mareeba Riverside Caravan Park tenant numbers have remained steady across all sectors.

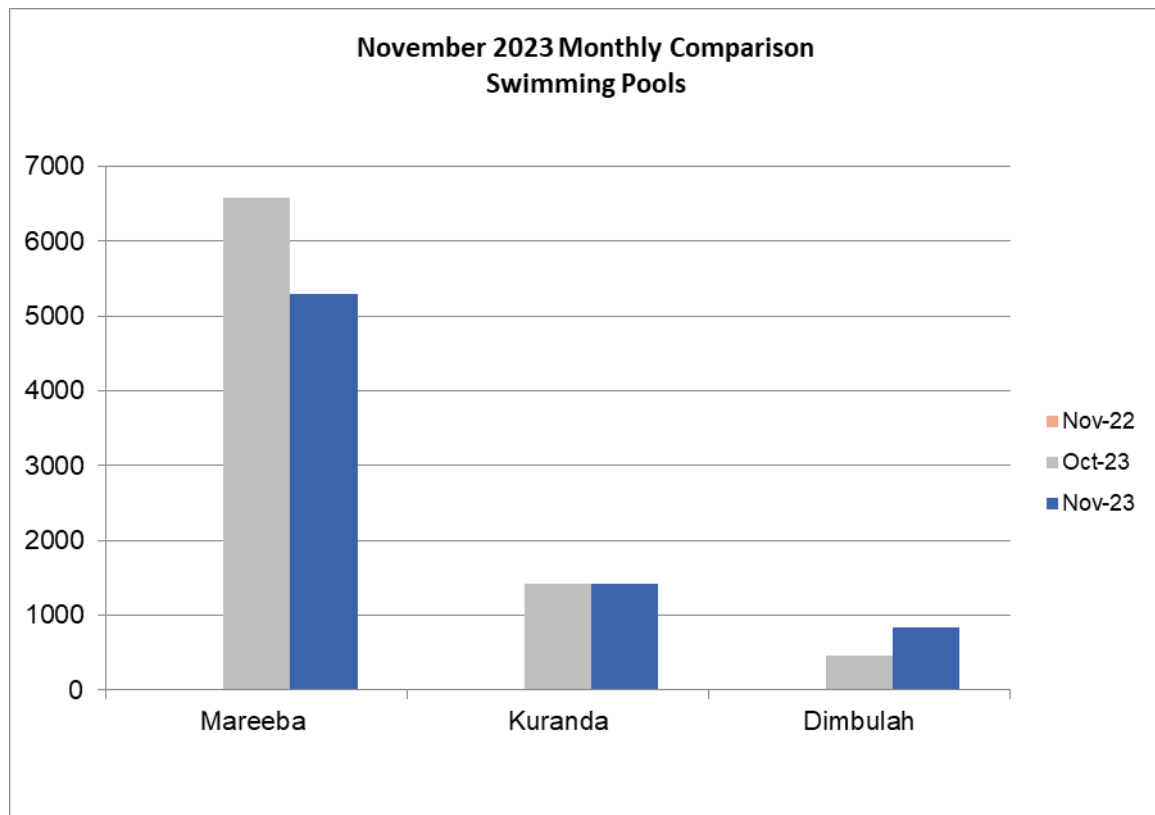


Dimbulah Caravan Park visitor numbers have varied across categories, but generally remained constant overall. Utilisation numbers for previous year is unavailable for comparison.



Aquatic Centres

Attendance numbers for Mareeba weakened slightly, while Dimbulah strengthened for the month. Although numbers are anticipated to remain strong due to warmer temperatures now being experienced within the region, the commencement of the Wet Season may result in reduced numbers moving forward. Utilisation numbers for previous year is unavailable for comparison.



Vandalism & Graffiti:

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

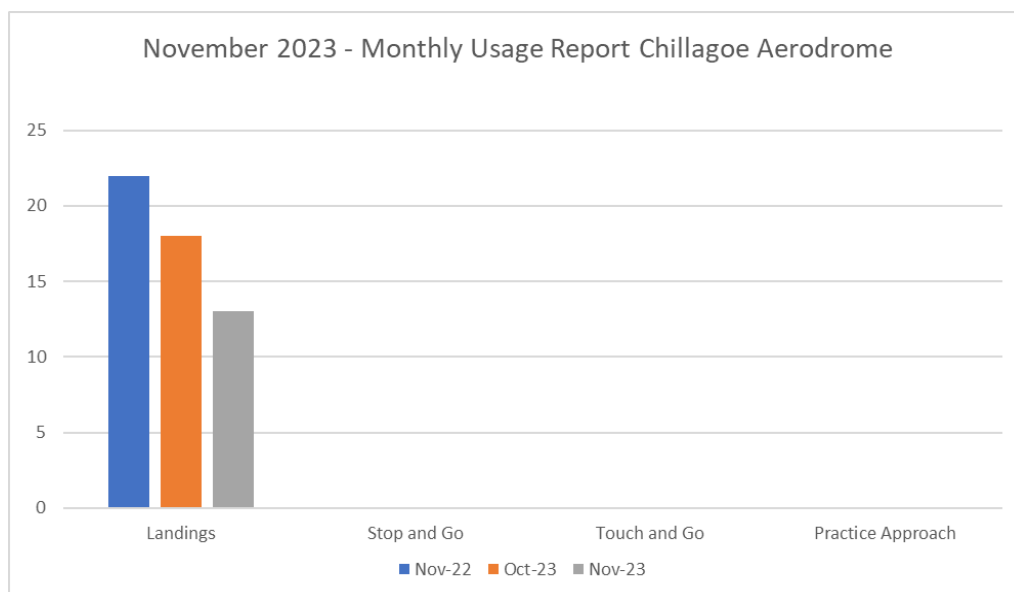
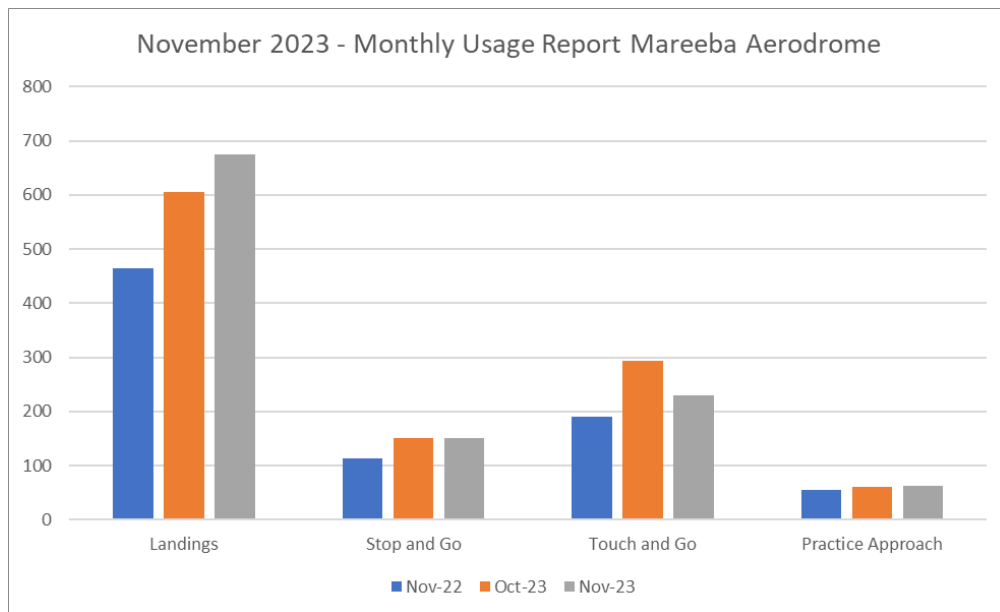
Financial Year	Actuals	Comments – November 2023
2015/16	\$ 2,134.00	<ul style="list-style-type: none"> • Kuranda Community Precinct - Graffiti x2 • Mareeba Borzi Park Band Hall – Vandalism x1 • Mareeba Theatre Hall – Vandalism and Graffiti x1 • Mareeba Rankin St Office – Graffiti x1 • Mareeba Arnold Park Rotunda - Graffiti x1 • Mareeba Sports Hall – Vandalism x2
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	\$33,030.18	
2023/24	\$3,233.91	

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 November, 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.

Utilisation has seen a general improvement for the month, which may in part be due to the weather conditions.



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.

9.4 INFRASTRUCTURE SERVICES, WATER AND WASTE OPERATIONS REPORT - NOVEMBER 2023

Date Prepared: 16 November 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 November 2023.

RECOMMENDATION

That Council:

1. receives the Infrastructure Services, Water and Waste Operations Report for November 2023 and;
2. endorses the variation of \$269,978.78 (excl. GST) received from fgf Developments Pty Ltd on project T-MSC2023-04 Bicentennial Lakes Gravity Sewer Main to include the Robins Street Sewer Rising Main works.

BACKGROUND

Water and Wastewater Treatment:

All treatment plants are generally performing satisfactorily. Water demand was varied across all schemes. Low rainfall in most catchments has resulted in increased consumption per connection compared with previous years.

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.

Data for Mt Molloy is now available from the Month of November. Connections have been updated with information provided by the Rates Section to correspond with annual KPI reporting.

Water Treatment	Mareeba	Kuranda	Chillagoe	Dimbulah	Mt Molloy*
Water Plant average daily production (kL)	12,470	688	351	551	198
Number of Connections	4,141	1053	127	246	111
Average daily water consumption per connection (L)	3,011	653	2,765	2,241	1780

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

Wastewater Treatment	Mareeba	Kuranda
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Wastewater Plant average daily treatment (kL)	2,034	216
Number of Connections	3,519	356
Average daily inflow per connection (L)	578	606

Mareeba Water Treatment Plant Upgrades:

Three (3) critical infrastructure projects at the Mareeba Water Treatment Plant (MWTP) have commenced as part of Council's 10-year Water Strategy:

- MWTP Filtration System Upgrade
- MWTP Raw Water Pump Upgrade
- MWTP Booster Pump Station Upgrade

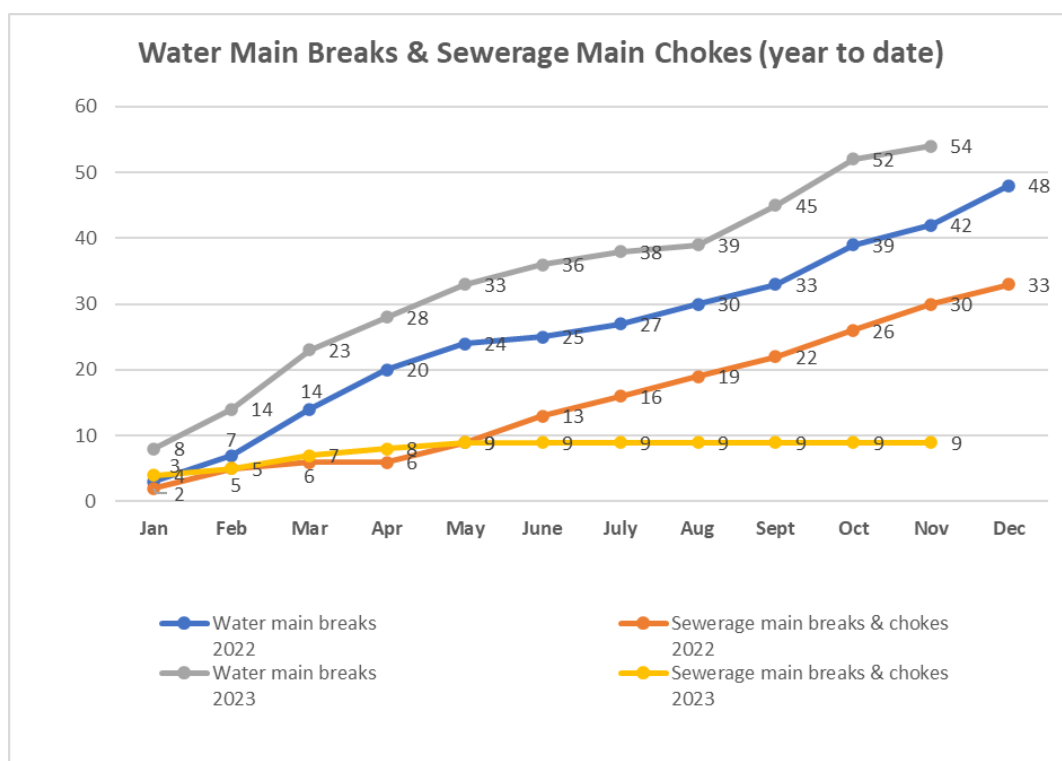
These projects will increase capacity of the plant and ensure that Council is able to supply safe water to residents and businesses in Mareeba now and into the future. Completion of the upgrades is programmed for mid-2024.

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

Water and Wastewater Reticulation:

Council's water reticulation crew attended to two (2) water main breaks, and zero (0) sewer main breaks/chokes this month, and average response times were within targets set out in Council's customer service standard for water services.

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



Robins Street Sewer Rising Main:

As part of the 2023/24 Capital Works Program, Council has approved a project to upgrade the Robins Street Sewer Rising Main to provide additional capacity and reduce sewage overflows.

The project scope includes supply and installation of a new 150mm diameter OPVC PN16 RRJ sewer rising main, construction of manholes, connection to the existing sewer network and reinstatement of road surface conditions as per specifications.

Officers identified an opportunity to undertake the Robins Street Sewer Rising Main Works as a variation to T-MS2023-04 Bicentennial Lakes Gravity Sewer Main. The contractor, fgf Developments advised they had capacity to undertake the project and have been able to offer a cost-effective price as they are able to use already mobilised resources to complete the work.

Undertaking the work in this manner ensures that the upgrade will be completed prior to the wet season and will solve the ongoing issue of sewage overflows at this location.

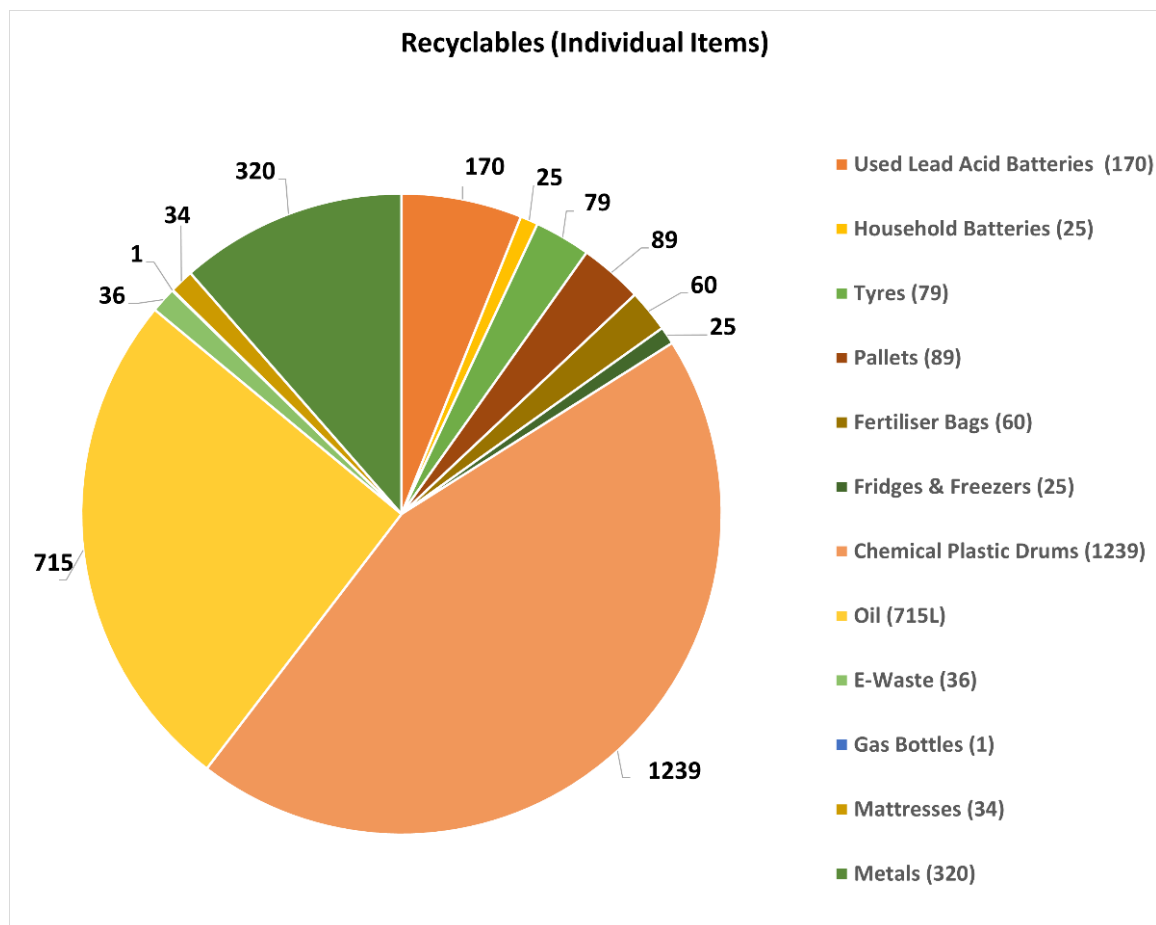
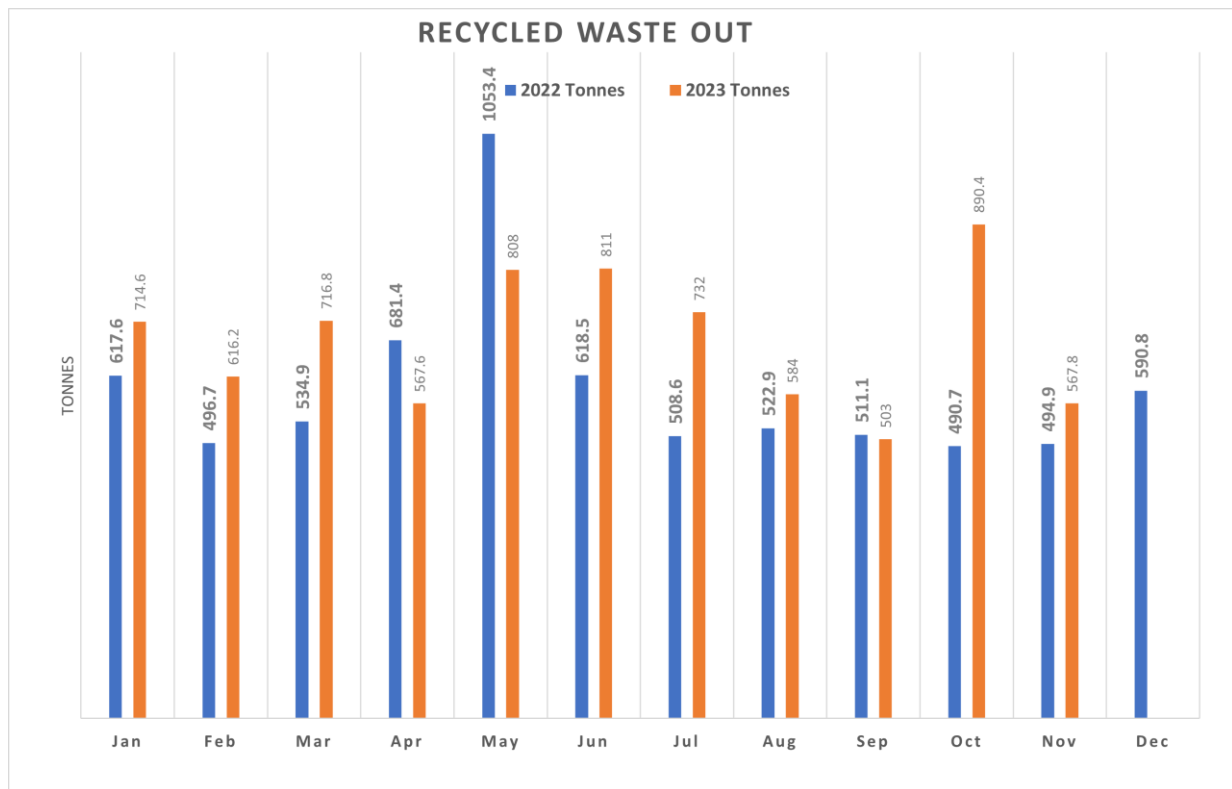


Plan of the Robins Street sewer rising main upgrade

Waste Operations:

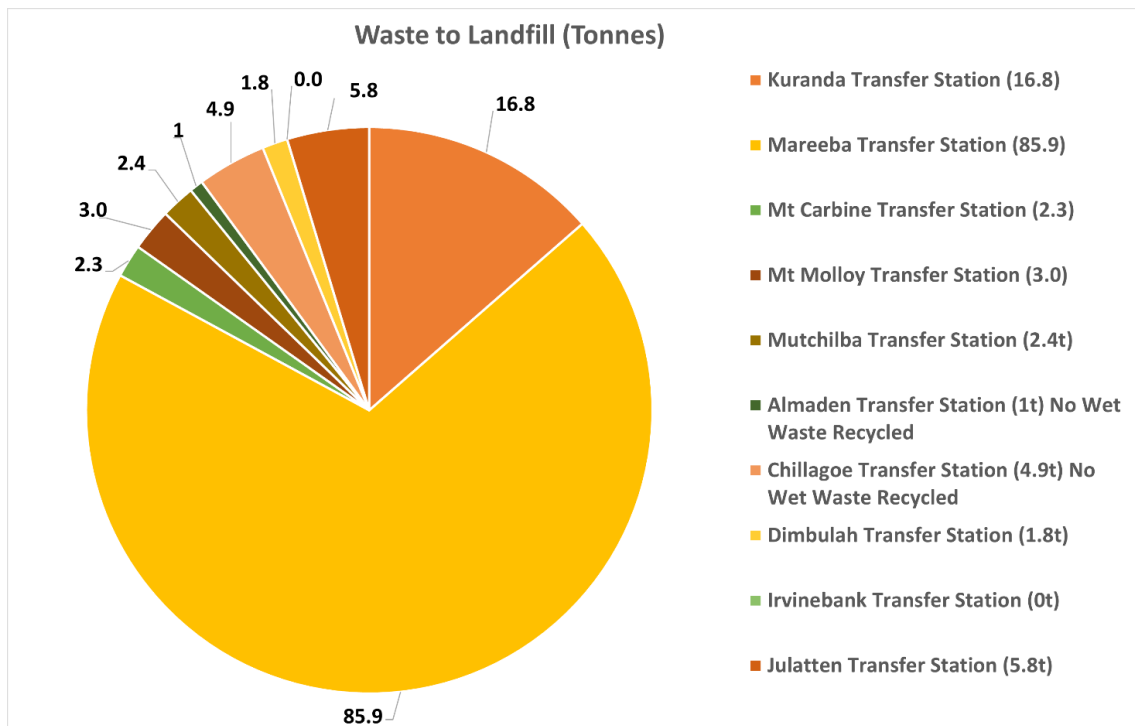
Recycling

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. During November, 506 tonnes of waste was processed through the ARRF, and 10.4 tonnes of domestic items were recycled at the MRF.



Waste to Transfer Stations

Transfer Station dry waste is transported off site to the Springmount Waste Facility. During November a total of 124 tonnes of waste was sent to landfill.



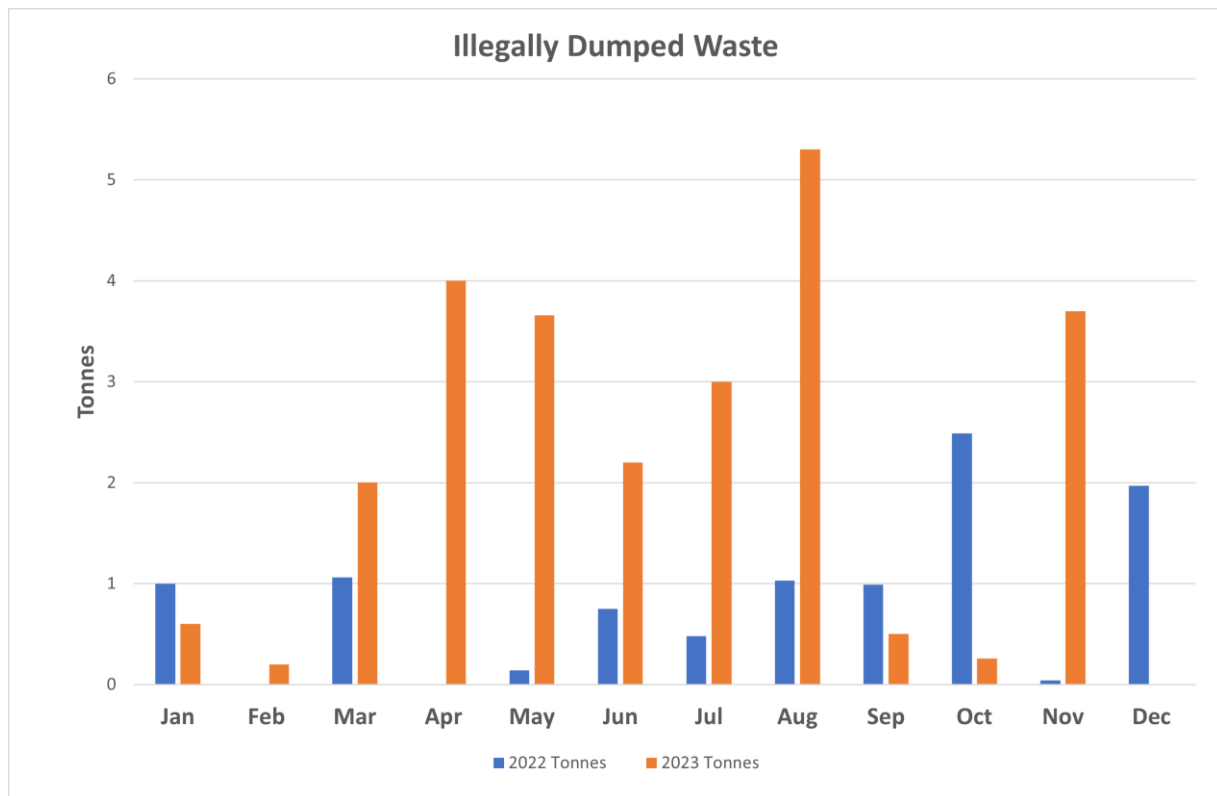
Green Waste

During November, Council received a total of 191.8 tonnes of green waste. Kuranda recorded 1.4 tonnes of green waste from locations registered as being potentially contaminated with Electric Ants. A total of 4.7 tonnes of mulched green waste was sold throughout November.



Illegally Dumped Waste

During November 3.7 tonnes of illegally dumped waste was collected from roadsides. This does not include TMR collections.



RISK IMPLICATIONS

Environmental

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

LEGAL/COMPLIANCE/POLICY IMPLICATIONS

Nil

FINANCIAL AND RESOURCE IMPLICATIONS

Capital

Nil

Operating

Nil

LINK TO CORPORATE PLAN

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

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

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

IMPLEMENTATION/COMMUNICATION

Nil

9.5 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - NOVEMBER 2023**Date Prepared: 7 December 2023****Author: Manager Works****Attachments: Nil****EXECUTIVE SUMMARY**

The purpose of this report is to summarise Council's Transport Infrastructure, Parks and Gardens, TMR Routine Maintenance Performance Contract (RMPC) and Land Protection operational activities undertaken by Infrastructure Services during the month of November 2023.

RECOMMENDATION

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

BACKGROUND

A summary of works completed in November 2023 is provided below.

Transport InfrastructureUnsealed Road Maintenance Grading

Road	Locality
Austin Road	Mona Mona
Barron Street	Koah
Big Sands Road	Kuranda
Boyles Road	Kuranda
Cadaga Close	Speewah
Cedar Park Road	Koah
Clohesy Street	Koah
Copeland Road	Koah
Douglas Track East	Speewah
Fantin Road	Koah
Harper Road	Speewah
Hoey Road	Speewah
Bolwarra Road	Crytalbrook
Torwood Road	Bolwarra

Road	Locality
Jeffery Road	Kuranda
Koah Road	Koah
Little Road	Kuranda
McCorry Road	Kuranda
Oak Forest Road	Kuranda
Popovic Road	Koah
Railway Street	Kuranda
Speewah Road	Speewah
Streil Road	Koah
Stoney Creek Road	Speewah
Two Chain Road	Koah
Wright Road	Koah
Keegan Road	Mareeba

Unsealed road grading will be completed in the Kuranda area by the Christmas close-down. In the new year, the grading crew will relocate to the Mt Carbine area to start the grading cycle again for the 2024 calendar year.

General Maintenance

Activity	Area
Tree Clearing	Kuranda, Julatten, Irvinebank, Dimbulah, Chillagoe
Bitumen Patching	Kuranda, Mutchilba, Arriga, Mareeba, Dimbulah
Drainage Works	Mareeba, Arriga, Julatten, Dimbulah, Chillagoe, Kuranda
Signage Repairs & Replacement	Julatten, Bibbohra, Paddy's Green, Mareeba, Irvinebank
Unsealed Road Maintenance	Gamboola, Koah, Petford, Julatten, Dimbulah, Kuranda
Herbicide Spraying	Highbury, Julatten
Illegal Dumping Waste Disposal	Koah, Mt Mulligan, Kuranda, Chewko, Mareeba

Customer Requests

During the month of November, the Works Group received 92 Customer Requests (CRs) with 136 resolved (resolved requests include those received prior to November 2023). The table below shows the number of requests lodged per Works Section for the month.

Month	Roads	Parks and Gardens	Pest Management
November	65	22	5

At the time of reporting, the Works Group had 47 open requests.

TMR Routine Maintenance Performance Contract (RMPC)

Grading of the Herberton-Petford Road between Irvinebank and Watsonville has been completed.

Cleaning of culvert inlets/outlets continues on the Mareeba-Dimbulah Road and the Burke Developmental Road.

Fallen trees and other fire related debris has been cleared from the Herberton-Petford Road.

Bollards have been installed at the northern entrance of Centenary Park.



1. Centenary Park northern entrance bollards

Parks and Open Spaces

General mowing in Mareeba, Dimbulah, Mt Molloy, Julatten, Kuranda and Chillagoe is now on an as-needs basis only. Irrigated parks are being mowed once per fortnight on average. There was no mowing at Irvinebank and Bibbohra in November.

Activities undertaken in November include:

- Two new swing seats installed at Mutchilba Park, Mutchilba
- Removal of dead trees from the Bailey Street road reserve
- Installation of Christmas Trees and fencing at Mareeba, Dimbulah, Chillagoe, Mt Molloy and Kuranda
- Burials – Mareeba x 5 (including Columbarium Wall internments)
- Installation of irrigation at the Dimbulah Pump Track
- Mechanical mulching at Wylandra to increase the fire break to 10m.



2. Mutchilba Park swing

Land Protection

Parthenium Weed: Monthly inspections carried out on 13 sites. All landholders are complying with their biosecurity obligation. We continue to monitor all the sites every 3 weeks.

Chinaman Creek Frogbit: Work has continued along Chinaman creek with hand removal of any small/young frogbit plants.

Amazon Frogbit: Land Protection Officers (LPOs) continued with programmed inspections of the sentinel sites in the Mitchell River Catchment on Two Mile Creek with no Frogbit detected.

Miconia Species Kuranda: LPOs undertook surveying and hand removal of *Miconia calvenscens* in the Kuranda area.

Pond Apple: Council's LPOs, in conjunction with the Tablelands Regional Council Land Protection Unit surveyed and treated Pond Apple along Rocky Creek. This joint exercise is conducted on a 2.5km stretch of Rocky Creek that forms part the boundary between the two shires.

Wild Dogs/Feral Pigs: Baiting has been carried out 16 Properties totalling over 1,580,000ha of land on the lower and upper Walsh, Mitchell and Lynd River systems.

Feral Pigs: Two (2) traps have been on loan to landholders where shooting and baiting are not appropriate. Seven (7) pigs have been trapped and destroyed in Speewah and Mt Molloy.

Bellyache Bush Leaf Miner: Council's Senior Land Protection Officer assisted the Queensland Department of Agriculture and Fisheries (DAF) in the release of a Leaf Miner Moth that is hoped to assist in the management of Bellyache Bush. Council staff identified a suitable release site on the Walsh River at Rookwood Station and also assisted DAF and Cook Shire Council in the release of the Leaf Miner at Palmer River Crossing at Strathleven and King Junction Stations.



3.

4. *Leaf Minor Moth**Leaf Minor Moth on Bellyache Bush**Leaf Minor Moth release*

5.

FINANCIAL AND RESOURCE IMPLICATIONS

Operating

All operational works are funded by the section specific 2023/24 maintenance budgets.

LINK TO CORPORATE PLAN

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IMPLEMENTATION/COMMUNICATION

Nil