INFRASTRUCTURE COMMITTEE MEETING

AGENDA

18 MARCH 2025

Your attendance is required at an Infrastructure Committee meeting of Council to be held in the Council Chambers, 232 Bolsover Street, Rockhampton on 18 March 2025 commencing at 9:00 AM for transaction of the enclosed business.

CHIEF EXECUTIVE OFFICER
12 March 2025

Next Meeting Date: 15.04.25

Please note:

In accordance with the *Local Government Regulation 2012*, please be advised that all discussion held during the meeting is recorded for the purpose of verifying the minutes. This will include any discussion involving a Councillor, staff member or a member of the public.

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1 OPENING

1.1 Acknowledgement of Country

2 PRESENT

Members Present:

The Mayor, Councillor A P Williams (Chairperson)
Deputy Mayor, Councillor M D Wickerson
Councillor S Latcham
Councillor E W Oram
Councillor C R Rutherford
Councillor M A Taylor
Councillor G D Mathers
Councillor E B Hilse

In Attendance:

Mr E Pardon – Chief Executive Officer.

3 APOLOGIES AND LEAVE OF ABSENCE

4 CONFIRMATION OF MINUTES

Minutes of the Infrastructure Committee held 18 February 2025

5 DECLARATIONS OF INTEREST IN MATTERS ON THE AGENDA

6 BUSINESS OUTSTANDING

Nil

7 PUBLIC FORUMS/DEPUTATIONS

Nil

8 PRESENTATION OF PETITIONS

Nil

9 COMMITTEE REPORTS

Nil

10 COUNCILLOR/DELEGATE REPORTS

10.1 PORTFOLIO UPDATE

File No:	**10097**
Attachments:	**Nil**
Authorising Officer:	**Peter Kofod - General Manager Regional Services**
Author:	**Peter Kofod - General Manager Regional Services**

SUMMARY

Portfolio Councillors for Waste and Recycling, Infrastructure and Water will provide an update on matters of interest within their portfolio.

OFFICER'S RECOMMENDATION

THAT the Portfolio Updates for Waste and Recycling, Infrastructure and Water be received.

BACKGROUND

Councillors have requested an opportunity to speak about their relevant Portfolio during Committee Meetings.

The following Councillors will provide an update on their Portfolio at Infrastructure Committee:

Councillor Shane Latcham – Waste and Recycling Portfolio

Councillor Marika Taylor – Infrastructure Portfolio

Councillor Edward Oram – Water Portfolio

10.2 COUNCILLOR SHANE LATCHAM - TRAVEL REPORT; FUTURE WASTE SYMPOSIUM 2025; 12-14 FEBRUARY 2025

File No:	**8291**
Attachments:	**1. Future Waste Symposiums 2025 Program⇩**
Authorising Officer:	**Nicole Semfel - Executive Assistant to the Mayor** **Justin Kann - Manager Office of the Mayor** **Evan Pardon - Chief Executive Officer**
Author:	**Megan Careless - Executive Support Officer**

SUMMARY

Councillor Shane Latcham, Waste and Recycling Portfolio providing a verbal briefing following his attendance at the Future Waste Symposium 2025 held on the Gold Coast from 12-14 February 2025.

OFFICER'S RECOMMENDATION

THAT the verbal briefing from Councillor Shane Latcham on his attendance at the Future Waste Symposium 2025 be received.

BACKGROUND

Councillor Shane Latcham attended the Future Waste Symposium 2025 to gain insights into the latest advancements and strategies in waste management.

The symposium featured a range of expert speakers, panel discussions and networking opportunities with industry leaders (refer attached program)

Symposium documentation is located on one drive for Councillor perusal.

COUNCILLOR SHANE LATCHAM - TRAVEL REPORT; FUTURE WASTE SYMPOSIUM 2025; 12-14 FEBRUARY 2025

Future Waste Symposiums 2025 Program

Meeting Date: 18 March 2025

Attachment No: 1

FWR Future Waste Resources SYMPOSIUM | 2025

12 – 14 February 2025
Sea World Conference Centre
Gold Coast

OPENING PLENARY

Opening Address
The Hon. John-Paul Langbroek, State Member for Surfers Paradise & Minister for Education and the Arts

KEYNOTE PRESENTATION: Finnished with that! Finland's systematic approach to end all waste by 2050
Birgit Tegethoff, Senior Advisor – Business Finland

LEGISLATIVE LANDSCAPE: NAVIGATING THE REGULATORY ENVIRONMENT

Update from the environmental regulator and current operational priorities
Jackie McKeay, Executive Director – Department of Environment, Science and Innovation

General environmental duty
Leanne O'Brien, Special Counsel – Corrs Chambers Westgarth

The Waste and Recycling Code of Practice: Helping parties in the "chain of responsibility" discharge their duty under the Heavy Vehicle National Law
Jennifer Rotili, Manager – Safety Duties and Codes – National Heavy Vehicle Regulator

BUILDING A SUSTAINABLE FUTURE FOR QUEENSLAND

Gold Coast's Journey to Zero Landfill – Advanced Resource Recovery Centre
Grant Gabriel, Program Director, ARRC Environment, Heritage and Resilience – City of Gold Coast

Compromise to optimise
Chris Alexander, General Manager – Phoenix Power Recyclers

Collaborative contract management
Umur Natus-Yildiz, Executive Manager Resource Recovery Services – Fraser Coast Regional Council

ADDRESSING CONTAMINATION AND DIFFICULT WASTE STREAMS

Charged for Disaster: Tackling battery fires in the waste industry
Keiran Travers, Waste, Recycling Industry Association QLD and Brett Lemin, Waste Contractors and Recyclers Association of NSW

PFAS and contamination in organics
Dr Matthew Askeland, ADE Consulting

Emerging Contaminants and the Law – Risk and liability under the Environmental Protection Act 1994 (Qld)
Sarah Hausler, Partner – McCullough Robertson

SYMPOSIUM DINNER

Environment Minister's Address
Hon. Andrew Powell MP GAICD, Minister for the Environment and Tourism and Minister for Science and Innovation

QUEENSLAND'S PATH TO WASTE & RECYCLING INNOVATION

KEYNOTE PRESENTATION: Resource Recovery Industries: The journey to develop sustainable supply chains
Michele Bauer, Deputy Director-General – Department of State Development, Infrastructure and Planning

Update to Waste Strategy in 2025 – Boosting recycling and reducing litter to the environment
Patricia O'Callaghan, Department of Environment, Science and Innovation

Does the Queensland Waste Levy need to be higher?
Nick Behrens, Director – Queensland Economics Advocacy Solutions

PAVING THE WAY FOR INNOVATIVE SOLUTIONS

Revolutionising Resource Recovery – The energy recovery innovation journey
Scott Reynolds, General Manager – Kwinana Energy Recovery

Rino: Entering the waste and recycling industry with innovation
Daniel Blaser, General Manager – Rino Recycling

Innovation can be easy, managing compliance...now that can be difficult
Mike Haywood, GM Fuels and Sustainable Energy – Verdant Earth Technologies

RAISING THE BAR: ACHIEVING AN 80% RECYCLING RATE IN QUEENSLAND

This panel discussion focused on strategies to increase the recycling rate from 20% to 80% in Queensland. WRIQ board members and other industry experts shared their vision for a sustainable future.

Facilitated by: Alix Baltais, Queensland Manager – EnviroCom Australia

Panelists include:
– Natalie Roach, Chief Executive Officer – Container Exchange
– Hugo Parris, Regional Manager QLD – Cleanaway
– Henry Anning, CEO – Energy – ResourceCo
– Mark Dekker, General Manager – BMI Resource Recovery

FINAL LIST OF ATTENDEES

11 OFFICERS' REPORTS

11.1 MONTHLY PROJECT STATUS REPORT FOR CIVIL OPERATIONS - JANUARY 2025

File No:	**7028**
Attachments:	**1. Monthly Project Status Report for Civil Operations - January 2025⇩**
Authorising Officer:	**Peter Kofod - General Manager Regional Services**
Author:	**John Gwydir - Manager Civil Operations**

SUMMARY

Monthly Project Status Report on all major capital projects being delivered by the Civil Operations section.

OFFICER'S RECOMMENDATION

THAT the Monthly Project Status Report for Civil Operations for January 2025 be received.

COMMENTARY

The Civil Operations section submits a monthly project status report outlining the status, key milestones and deliverables of major capital projects managed by the Unit.

The following projects are reported on for the month of January 2025:

- Unsealed Road Network;
- 2024/2025 Capital Works Program;
- Derby Street / Denison Street / Kent Street;
- Denison Street Reconstruction;
- Glenmore State School;
- Waraburra State School.

MONTHLY PROJECT STATUS REPORT FOR CIVIL OPERATIONS - JANUARY 2025

Monthly Project Status Report for Civil Operations - January 2025

Meeting Date: 18 March 2025

Attachment No: 1

CIVIL OPERATIONS

Monthly Project Report – January 2025

UNSEALED ROAD NETWORK

During the month of January 2025, approximately 42.46 kms of roads were graded and a further 2.97 kms of roads re-sheeted with approximately 100mm of gravel to improve wet weather trafficability.

Completed – January 2025			
Road Name	**Area**	**Total Length Graded (km)**	**Total Length Re-sheeted (km)**
Lion Mountain Road	Alton Downs	3.00 kms	
Lion Mountain Road (capital works)	Alton Downs	1.50 kms	
McCamley Road	Bajool		0.53 kms
Mount Hopeful Road	Bajool	1.50 kms	
North Road	Bajool	0.95 kms	
South Ulam Road	Bajool	2.11 kms	0.60 kms
Dalma-Ridgelands Road	Dalma	0.35 kms	
Deep Creek Road	Dalma	1.31 kms	0.20 kms
Shannen Road	Dalma	3.90 kms	1.00 km
Stanwell-Waroula Road	Dalma	2.28 kms	
Un-named Road off Thirsty Creek Road	Gogango		0.64 kms
Toowarra Road	Kalapa	7.21 kms	
Middle Road	Kalapa	1.10 kms	
Candlelight Road	Kalapa	1.75 kms	
Kalapa Back Road	Kalapa	1.50 kms	
Boulder Creek Road	Mt Morgan	14.00 kms	

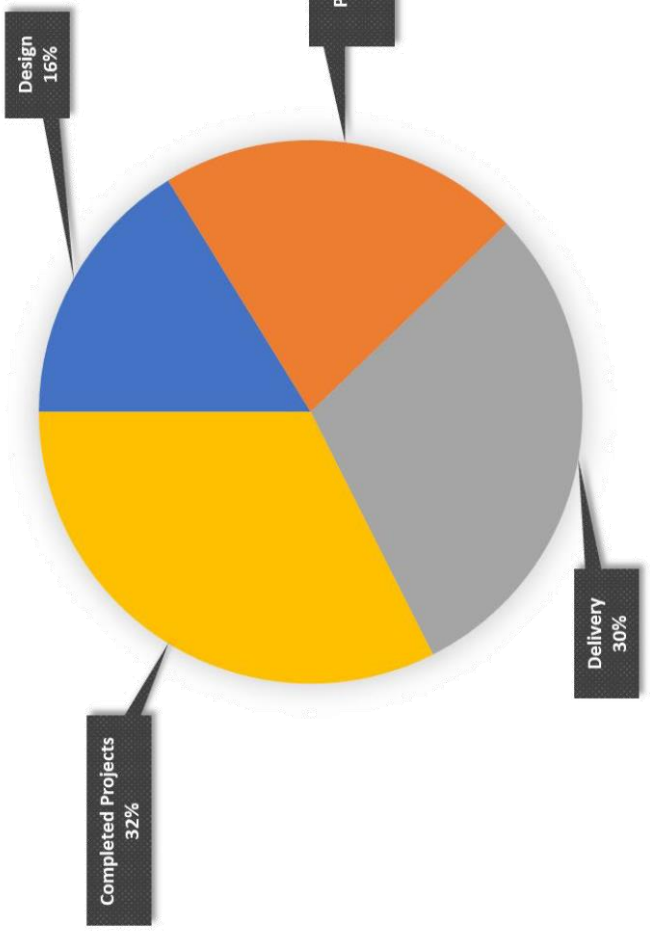
In Progress – February 2025	
• Boys Road, Alton Downs • Gum Tree Road, Alton Downs • Lion Mountain Road, Alton Downs • Reid Road, Alton Downs • Creed Road, Bajool • Kirk Road, Bajool • McCamley Road, Bajool	• Riverslea Road, Gogango • Boulder Creek Road, Mt Morgan • Leydens Hill Road, Mt Morgan • Mc Arthur street – Mt Morgan • Whitely street – Mt Morgan • Rosewood Road, Wycarbah

Areas Programmed for March 2025	
• Bajool • Garnant • Gogango	• Hamilton Creek • Kalapa • Morinish

CAPITAL WORKS PROGRAM

Summary (by project status)

2024-25 Capital Works Program - Civil Operations



Design	
2024-2025 Projects	**Comment**
Bus Stop and Bus Shelter Program	Underway
Glenroy Road – Fitzroy River Bridge	Underway
Glenroy Road - Upgrades	Underway
Murray Street (Fitzroy Street to Denham Street) - Rehabilitation	Underway
Norman Road (German Street to Dodson Street) - Footpath (LRCI Phase 4 Funding)	Underway
Rodboro Street - Traffic Calming Scheme and Footpath (Black Spot Funding)	Underway

Pre-Construction / Procurement		
2024-2025 Projects	**Estimated Start Date**	**Comment**
Rockhampton State High School – Footpath (STIP Funding – Tranche 5)	January 2025	Contract Awarded
Dale Park - Access Road	January 2025	
2024/2025 Annual Reseal Program – Spray Seals	February 2025	Contract Awarded
Bills Road, Marmor (Ch 0.23 to Ch1.33) - Sealing (LRCI Phase 4 Funding)	March 2025	
Broadway Street (O'Connoll Street to Quay Street)	April 2025	
Parkhurst Industrial Area – Stage 3 - Johnson Street Rehabilitation (SLRIP / REFF Funding)	April 2025	
South Yaamba Road – Reconstruction (SLRIP Funding)	May 2025	
2024/2025 Annual Reseal Program – Micro-Surfacing (Slurry Seals)	July 2025	Tender Awarded – Contractor not available until July 2025

Delivery			
2024-2025 Projects	**Actual Start Date**	**Estimated Completion Date**	**Comment**
Derby Street / Denison Street / Kent Street – Intersection Upgrades – (Black Spot Funding)	February 2024	February 2025	Refer to Major Projects Update

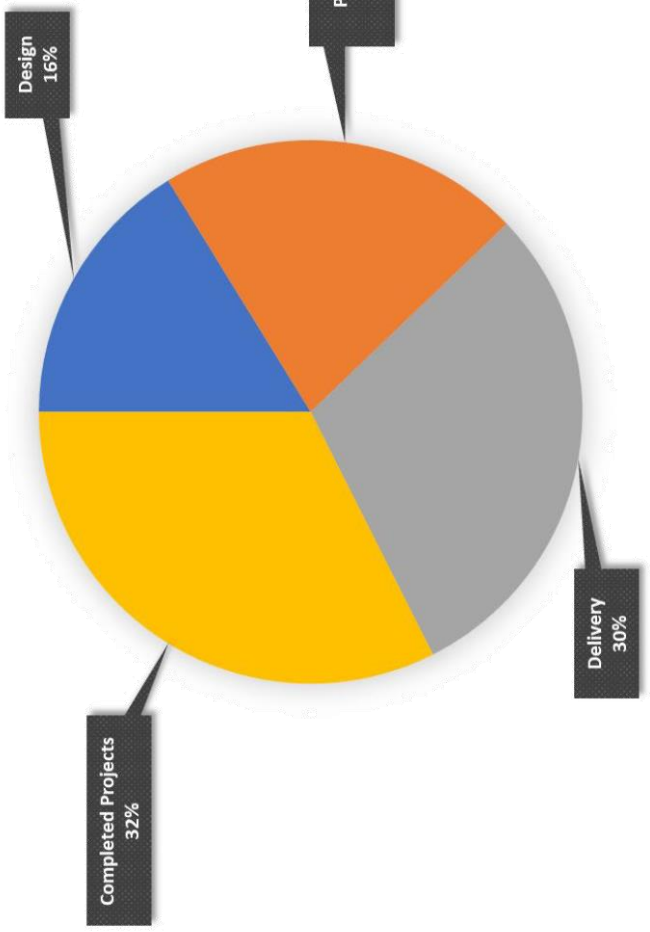
Glenmore State School – Footpath (STIP Funding – Tranche 5)	December 2024	February 2025	
The Cathedral College – Footpath (STIP Funding – Tranche 6)	December 2024	February 2025	
Denison Street (Derby Street to Stanley Street) - Rehabilitation (LRCI Phase 4 Funding)	November 2025	March 2025	
Lion Mountain Road, Alton Downs (Ch 9.2 to 11.2) - Sealing	December 2024	March 2025	
Waraburra State School – Parking and Pedestrian Safety Works (STIP Funding – Tranche 5)	December 2024	March 2025	
Cambridge Street (Lennox Street to Murray Lane) - Footpath (LRCI Phase 4 Funding)	September 2024	April 2025	Project temporarily paused due to resource needs on another urgent project
Parkhurst Industrial Area – Stage 2 – Wade Street Rehabilitation (SLRIP / REFF Funding)	August 2024	April 2025	
Witt Street (Dean St to Water St) - Rehabilitation	December 2024	April 2025	
Alexandra Street / Birkbeck Drive Intersection – Early Works	December 2024	June 2025	
Unsealed Road Gravel Program	July 2023	June 2025	Refer to Unsealed Road Network Update
Completed			
Parkhurst Industrial Area – Stage 1 – McLaughlin Street (HVSPP Funding)			
Stanwell-Waroula Road - Sealing (RRUPP Funding)			
Upper Dawson Road / Canning Street / Derby Street – Intersection Upgrades – (Black Spot Funding)			
Somerset Road – Road and Stormwater Upgrades (TIDS Funding)			
St Mary's Catholic Primary School – Footpath (STIP Funding – Tranche 5)			
Denham Street (Canning Street to George Street) – Intersection Upgrades – (Black Spot Funding)			
Dale Park - Asphalt Basin Stormwater Quality Device			
Murphy Road, Kabra (Ch 0.44 to Ch 1.5) - Sealing (LRCI Phase 4 Funding)			
St Paul's Catholic Primary School – Footpath (STIP Funding – Tranche 6)			


Bawden Street / Bedford Street - Intersection Upgrade
Berserker State School – Footpath (STIP Funding – Tranche 5)
Emmaus College – Footpath (STIP Funding – Tranche 6)

CAPITAL WORKS PROGRAM

Summary (by project status)

2024-25 Capital Works Program - Civil Operations



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Upper Dawson Road / Canning Street / Derby Street – Intersection Upgrades – (Black Spot Funding)			
Somerset Road – Road and Stormwater Upgrades (TIDS Funding)			
St Mary's Catholic Primary School – Footpath (STIP Funding – Tranche 5)			
Denham Street (Canning Street to George Street) – Intersection Upgrades – (Black Spot Funding)			
Dale Park - Asphalt Basin Stormwater Quality Device			
Murphy Road, Kabra (Ch 0.44 to Ch 1.5) - Sealing (LRCI Phase 4 Funding)			
St Paul's Catholic Primary School – Footpath (STIP Funding – Tranche 6)			


Bawden Street / Bedford Street - Intersection Upgrade
Berserker State School – Footpath (STIP Funding – Tranche 5)
Emmaus College – Footpath (STIP Funding – Tranche 6)

MAJOR PROJECTS UPDATE

Derby Street / Denison Street / Kent Street				***Total Adopted Budget: $2,200,000***
Scope	The works being undertaken include installing a single-lane roundabout, traffic calming solutions, raised safety platforms, improved intersection signage and improved roadway lighting. ***Actual Start Date:*** *February 2024* ***Estimated Completion Date:*** *April 2025*			
Initial Construction Estimate	$2,190,000	**Estimated Cost at Completion**	$2,200,000	**Budget Health** 

On the Horizon – Key Milestones & Deliverables

February	**March**	**April**
• Ongoing kerb, island and safety platform work at the intersection of Derby and Denison Streets. • Completion of safety platform work within Denison Street.	• Completion kerb, island and safety platform work at the intersection of Derby and Denison Streets.	Completion kerb, island and safety platform work at the intersection of Derby and Denison Streets, eastern side.

Comments	

Denison Street Reconstruction				***Total Adopted Budget: $1,4300,000***
Scope	The works being undertaken include installation of stormwater drainage, replacement of kerb and channel, reconstruction of driveways and footpath sections, asphalt resurfacing and signage and line marking. ***Actual Start Date:*** *August 2024* ***Estimated Completion Date:*** *March 2025*			
Initial Construction Estimate	$900,000	**Estimated Cost at Completion**	$1,300,000	**Budget Health** 

On the Horizon – Key Milestones & Deliverables

February	**March**	
• Construction of driveways and footpath sections • Modification of ramps and medians • Resurfacing of Denison St/Stanley St intersection • Linemarking	• Line marking • Reinstate concrete islands • Install turf	

Comments	Project commenced in conjunction with Derby Street / Denison Street /Kent Street roadworks.

Glenmore State School				***Total Adopted Budget: $300,000***
Scope	The works being undertaken at Glenmore State School include construction of footpaths and kerb ramps. ***Actual Start Date:*** *December 2024* ***Estimated Completion Date:*** *February 2025*			
Initial Construction Estimate	$285,000	**Estimated Cost at Completion**	$298,000	**Budget Health** 
On the Horizon – Key Milestones & Deliverables				
February • Complete footpath and pram ramps on corner of Scott Street and Farm Street.				
Comments	Project reached completion on 17 February 2025			

Waraburra State School				***Total Adopted Budget: $450,000***
Scope	Construction of new footpaths, kerb ramps, pedestrian crossings, pavement marking and signage to Waraburra State School car park ***Actual Start Date:*** *December 2024* ***Estimated Completion Date:*** *March 2025*			
Initial Construction Estimate	$440,500	**Estimated Cost at Completion**	$448,000	**Budget Health** 
On the Horizon – Key Milestones & Deliverables				
February • Continue concrete works • Commence line marking • Commence installation of bollards	**March** • Complete line marking • Complete concrete works • Complete installation of bollards			
Comments	Project running on schedule. Much of the excavation and pavement works was completed prior to the commencement of the school year.			

11.2 "NO STOPPING" LINEMARKING FOR NORTH ROCKHAMPTON POLICE STATION

File No: 8056

Attachments: 1. Proposed Yellow Line⇩

Authorising Officer: Martin Crow - Manager Infrastructure Planning

Author: Stuart Harvey - Coordinator Infrastructure Planning

SUMMARY

Officers have assessed the request for a yellow line at the North Rockhampton Police Station and the outcomes of this assessment are provided to Council.

OFFICER'S RECOMMENDATION

THAT the report supporting the decision to install No Stopping line marking on the western approach to the Robinson St driveway of the North Rockhampton Police Station be "received".

COMMENTARY

The Officer in Charge of North Rockhampton Police Station made a customer request that was recorded on 15 March 2024. The Officer stated:

"is there availability to line mark a yellow line on each side of the Police Station driveway onto Robinson Street. It is becoming increasingly difficult for police vehicles to proceed to an emergency when the street is congested, and vehicles are parking against the driveway"

Councillor Latcham was contacted on 20 March 2024 to follow up on the initial customer request to ask for a timeframe when this would be considered. The matter was tasked to Infrastructure Planning on 2 April 2024 where officers undertook a site inspection and it was determined that the site did not meet the requirements for yellow lines. Officers last comments on this matter were on 30 April 2024 with a Council Officer who mentioned that he tried to contact the customer several times to no avail. Councillor Latcham asked for an update on 13 November 2024 and the matter needed to be re-opened in the system. Councillor Latcham arranged a debrief meeting with Martin Crow on 25 November 2024 with Councillor Taylor (Infrastructure Portfolio) and Councillor Hilse (Divisional Councillor) in attendance.

Since this time, Officers have visited the site in question again and met with the Officer in Charge to discuss the matter. As is consistent with previous inspections, vehicles currently park adjacent to, but not over the driveway of the North Rockhampton Police Station. The driveway of the North Rockhampton Police Station is approximately 6m wide which provides some additional sight distance when entering the road. The Station has a second driveway access onto Dean Street; the Officer in Charge indicated that due to traffic volumes on Dean Street, this is not the preferred access during peak periods.

Officers noted that regular on-street parking occurs in the afternoons particularly with after school activities occurring on the North Rockhampton High School Ovals. Since the construction of footpath on the North Rockhampton High School side of Robinson Street, there is an increased presence of vehicles parking kerbside. The presence of parallel parking on both sides of the road has reduced the carriageway width from what was there previously. This available width is not less than any other street of this classification however is a change from what drivers may have been accustomed to.

QPS reported several crashes between Police vehicles entering the road and vehicles on Robinson Street. There are no crashes shown within the crash databases which would indicate that these were likely property damage crashes.

Council generally do not paint yellow no stopping lines to improve sight distance on driveways. In areas where there is high parking demand and a regular turnover of different people parking in the area, Council have been known to install yellow lines on intersection corners or 1-1.5m from the edge of driveways. This is usually around schools or in the hospital precinct and has varying levels of compliance. In discussions with the Officer in Charge of North Rockhampton Police Station, he indicated that he and his officers would enforce the yellow line if Council were to mark it.

Vehicles entering the road from a driveway are required to give way to all road users before undertaking the movement. The Officer in Charge has indicated that during school hours congestion often causes delays for Police vehicles driving to an incident. He is looking to reduce officers' response times as much as possible and considers that the prohibition of parking will aid response times. Officers consider that the improvements to response times, as a result of the yellow line, would be considered marginal as vehicles are still required to give way to pedestrians and cyclists travelling along the footpath.

However, giving further weight to the request of the QPS, Council officers have agreed to provide 7m of yellow line to the West of the North Rockhampton Police Station driveway. The presence of regular on-street carparking, general turnover of traffic in proximity to the school and the location of a nearby fire hydrant further support the implementation of the yellow line at this particular location. The attached plan indicates the proposed location of the yellow line and a works order will be issued to Civil Operations for implementation.

BACKGROUND

Under the Queensland Road Rules, it is not illegal for vehicles to park on-street up to the edge of a driveway. It is only illegal for a driver to park their vehicle across any portion of the driveway entry to prevent access to or from the property.

Council is careful in the application of no stopping lines or signs and they are generally reserved for streets where Council has assessed that a genuine road safety issue can be addressed through their implementation.

Yellow no stopping lines are not a suitable solution to deter unlawfully parked vehicles blocking driveway accesses. This is primarily because the road rules already make parking over a driveway an offence which can be enforced by Council's Local Laws Officers or the Police. It is Council's experience that drivers who currently disregard the road rules in relation to parking will continue to disregard the no stopping line markings on the road.

Council has implemented yellow lines in some locations where there is constant demand for parking and regular turnover of different vehicles parking on street. This is mainly reserved for areas such as around the active frontages of schools and the hospital precinct.

PREVIOUS DECISIONS

On 10 December 2024, Cr Latcham raised a notice of motion "THAT *Council install yellow line-marking to indicate no parking for approximately six (6) metres on both sides of the North Rockhampton Police Station driveway on Robinson Street, Berserker before late January 2025."*

The Council resolution from that meeting was *"THAT a report on the matter be presented to the next Infrastructure Committee meeting to be held on 18 February 2025."*

CORPORATE/OPERATIONAL PLAN

The report contributes to Council's Corporate Plan goals, specifically:
3.1.1 Consult on, advocate, plan, deliver and maintain a range of safe urban and rural public infrastructure appropriate to the Region's needs, both present and into the future.

CONCLUSION

This report presents the findings of an investigation into a request for a yellow line at the North Rockhampton Police Station.

"NO STOPPING" LINEMARKING FOR NORTH ROCKHAMPTON POLICE STATION

Proposed Yellow Line

Meeting Date: 18 March 2025

Attachment No: 1


Proposed Yellow Line North Rockhampton Police Station
Printed from RGIS on 03-March-2025
A4 Page - Scale 1: 232
RGIS
Rockhampton Regional Council
163-171
147
200ø UPVC
150ø OPVC
200ø MPVC
100ø MPVC
200ø MPVC
FH
Robinson St
302-328
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11.3 RESPONSE TO PARKING PETITION

File No:	**1743**
Attachments:	**1. Proposed Parking Restrictions⇩**
Authorising Officer:	**Martin Crow - Manager Infrastructure Planning** **Peter Kofod - General Manager Regional Services**
Author:	**Stuart Harvey - Coordinator Infrastructure Planning**

SUMMARY

In late 2024, Council received a petition requesting changes to Quay Street and Derby Street parking restrictions to facilitate more unrestricted "all day" parking. This report presents the response to this petition.

OFFICER'S RECOMMENDATION

THAT Parking Restrictions on Quay Street shown in Attachment 1 of the report are implemented.

COMMENTARY

In late 2024, Council received a petition relating to parking the in the CBD area. The petition requests that:

We, the undersigned, hereby respectfully request the Rockhampton Regional Council: *make available additional all day parking for CBD workers. Since the riverbank redevelopment and closure of the all day car park next to The Boat House and part of the all day car park opposite The Heritage Hotel, there has been insufficient all day parking for CBD workers. We respectfully request Council allow all day parking from William Street to Derby Street on the opposite side of the riverbank and along Derby Street between Quay Street to East Street (previously 3 hour parking).*

Officers have investigated the request and considered the parking restrictions that are currently in place. The areas raised within the petition are on the fringes of the CBD parking area where longer time restrictions are considered more acceptable. The Eastern side of Quay Street is already unrestricted "all day" parking and is heavily utilized by CBD workers. Quay Street on the western side has some existing 2P and permit zone parking restrictions which are proposed to remain the same.

As a part of this investigation, several occupancy surveys were undertaken, by Council's Local Laws team, to give better context to the occupancy levels in this location. Surveys were undertaken using the new AeroRanger technology with several runs throughout the day over two days. These survey runs were within peak business hours (10am-3pm) to ensure that parking occupancy was not under reported. The survey indicated that the 3P parking on the Western side of Quay Street is generally underutilized with higher occupancy to the northern end of the block. Derby Street had higher levels of occupancy throughout the survey dates. This would align with the parking demand associated with the land uses in these areas. The northern end of Quay Street has a Bar and Hotel which has a higher parking demand than the Walter Reid apartments at the southern end. Similarly Derby Street has the Walter Reid Cultural Centre and a Gym which generate a higher parking demand as well.

As a part of the investigation into parking, community consultation in the form of targeted letters and surveys were sent to properties directly adjacent to Quay Street. The survey asked for feedback regarding changes from 3P parking to unrestricted "All Day" parking along Quay Street on the western side. Letters and surveys were sent in December but received a low response rate (1 out of 24 responded). The letter and survey were sent again

in February with a higher response rate (9 out of 24). Of those who responded, a small concentrated area of properties opposed the change in parking restrictions.

Based on the occupancy data and responses from residents, it is proposed to change the Western side of Quay Street from 3P to All day with the exception of 248-250 Quay Street which would remain as 3P.

BACKGROUND

In 2015-2016 Council undertook a parking study into the CBD (as defined within the Planning Scheme Principal Centre). It found that there are a total of 2908 on-street spaces in the CBD study area of which 1131 are unrestricted or long-term parking spaces. The majority of the unrestricted spaces are on the fringes of the CBD. There are 51 disabled spaces, 61 loading zone spaces and 15 bus zones.

In terms of parking occupancy, it is considered ideal to have an average 85% target occupancy rate. This means that roughly one in seven parking spaces should remain available to support turnover and to ensure easy ingress and egress for drivers. The provision of this 85% occupancy rate ensures that vehicles are not forced to excessively circle around looking for a park. The study indicated that maximum occupancy rates in the study area were 77% and average occupancy was 64%. These rates are in aggregate across the CBD study area and disguise the localised hot spots.

The 2015 occupancy survey indicates a shortfall in central areas of the CBD along with a high level of non-compliance with permitted times in short-term parking areas. In contrast, occupancy rates in unrestricted outer-lying areas were lower. This suggests that while there is not an aggregate shortfall in car parking across the entire CBD, people are not prepared to walk significant distances in Rockhampton's climate and the existing parking is not in the desired location.

BUDGET IMPLICATIONS

Changes to signage can be undertaken within existing maintenance and minor works budgets.

CORPORATE/OPERATIONAL PLAN

The report contributes to Council's Corporate Plan goals, specifically:
3.1.1 Consult on, advocate, plan, deliver and maintain a range of safe urban and rural public infrastructure appropriate to the Region's needs, both present and into the future.

CONCLUSION

Council officers have undertaken a review of parking restrictions along Quay Street and provide the following recommendations to Council for implementation.

RESPONSE TO PARKING PETITION

Proposed Parking Restrictions

Meeting Date: 18 March 2025

Attachment No: 1


QUAY STREET
JOINS BELOW
2P Sign to Remain
3P Sign to be Replaced
3P Sign to be Replaced
No Stopping Sign to Remain
3P Sign to be Replaced
QUAY STREET
New sign to be installed
New Sign to be installed
3P Sign to be Replaced
SIGNAGE LEGEND
Existing Signage to Remain or new to be installed
Existing Signage to be Replaced
CONCEPT
10/03/2025
QUAY STREET
ROCKHAMPTON CITY
TRAFFIC MANAGEMENT
PROPOSED PARKING RESTRICTIONS
QUAY1
Sheet No. 1 of 2
APPROVAL
RPEQ No
DATE
MANAGER INFRASTRUCTURE PLANNING
Rockhampton Regional Council
AMENDMENTS DESCRIPTION
A Original Issue
SCALES
FULL SIZE A3

11.4 FLOOD RISK MANAGEMENT STUDIES

File No: 1743

Attachments:
1. Frenchmans / Thozets Flood Risk Assessment⇩
2. Moores Creek Flood Risk Assessment⇩
3. South Rockhampton Flood Risk Assessment⇩
4. Frenchmans / Thozets Flood Risk Management Report (Confidential)
5. Moores Creek Flood Risk Management Report (Confidential)
6. South Rockhampton Flood Risk Management Report (Confidential)

Authorising Officer: Martin Crow - Manager Infrastructure Planning

Author: Stuart Harvey - Coordinator Infrastructure Planning

SUMMARY

Infrastructure Planning has completed Flood Risk Management Studies for the catchments of Frenchmans / Thozets Creek, Moores Creek and South Rockhampton Local Catchments. This report presents the reports for Council endorsement.

OFFICER'S RECOMMENDATION

THAT Council endorse:

1. The Frenchmans/Thozets Flood Risk Assessment Report;
2. The Moores Creek Flood Risk Assessment Report;
3. The South Rockhampton Local Catchment Flood Risk Assessment Report;
4. The Frenchman's/Thozets Flood Risk Mitigation Report (included in confidential);
5. The Moores Creek Flood Risk Mitigation Report (included in confidential); and
6. The South Rockhampton Local Catchment Flood Risk Mitigation Report (included in confidential)

COMMENTARY

In late 2022 Council engaged AECOM to undertake Flood Risk Management Studies for the local catchments of Frenchmans Thozets Creek, Moores Creek and South Rockhampton Local Catchments. The intent of the studies was to build upon our knowledge of flooding behavior to develop and apply a Flood Risk Framework to local catchment flooding. A core requirement of this phase of the study was to establish a repeatable, quantifiable methodology for assessing and targeting areas of flood risk that can be applied to other catchments in the Rockhampton region.

The Flood Risk Assessment Framework defines flood risk as the interrelationship between the natural flooding processes and the social, environmental and economic composition of the locality. The elements that make up the framework include Flood Hazard, Hydraulic Risk, Flood Function, Flood Range, and Vulnerability (comprising Time to Inundate, Duration of Inundation, Isolation, Land Use, Built Form and Demographics). Attachments 1 – 3 include the details of the flood risk assessment for each catchment.

With identified flood risk throughout the catchments there was a need to define at what point Council would intervene. As a part of this project, specific intervention criteria were defined to establish what Council considered to be desirable, tolerable, and unacceptable. This was based on specific values for hydraulic risk, isolation, time to inundate and at which rainfall event over floor flooding is first experienced. This allowed officers to establish which areas of flood risk would be considered for further investigation, through identifying flooding hotspots.

Once the hotspots were identified they were ranked by mean flood risk and average annual flood damages. This allowed the project to highlight which hot spots should be prioritised for mitigation investigation. In response to this identified flooding hotspots, flood risk management strategies were developed. These strategies could include both structural and non-structural flood risk mitigation options. Given the wealth of existing large-scale schemes in the region, a core requirement of this phase of the study was to identify feasible treatments of flood risk that can be acted upon by RRC in future works. It is important to note that most mitigation projects identified will be unable to remove all flood risk in an area or reduce flood risk for all rainfall events. The focus is on reducing flood risk to what is considered a tolerable level.

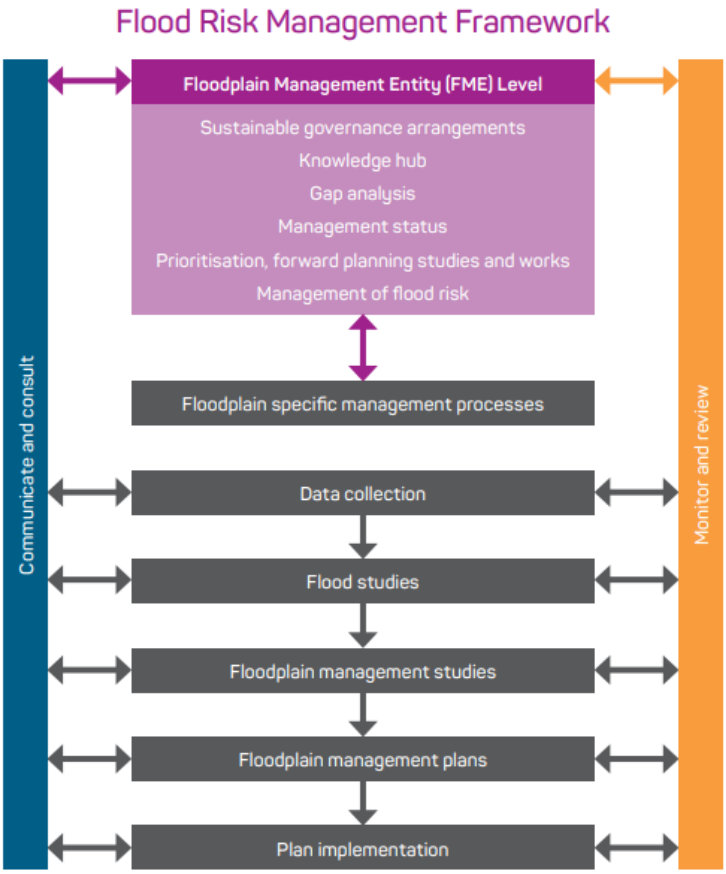
The project considered all investigated mitigation projects and prioritised them based on an established set of criteria, each with appropriate weightings. The outcome of this process was a prioritised list of flood mitigation projects to consider for further planning and design. Attachment 3 – 6 include the details of the flood risk mitigation works proposed for each catchment.

The intent is to have a combined list of all the mitigation projects, across all the local catchments, in order to ensure that the highest priority areas of flood risk are mitigated first. This requires further Flood Risk Management studies to be completed, some of which are already in progress. In the meantime, Council officers will undertake further planning and design work on the highest priority projects identified across the three studies.

The outcomes of these further planning and design work would be brought back to the Council table prior to inclusion within future Capital budgets.

BACKGROUND

Council has been undertaking a large body of work within the Floodplain Management space over the past decade with a significant focus on understanding and managing the risks of flooding within our urban areas. Officers have been progressing through the steps outlined within Australian Institute of Disaster Resilience guide to best practice flood risk management.



In 2017 a number of flood studies were updated through the Floodplain Management Services contract to see more comprehensive flood modelling for our urban local catchments. These studies have been now incorporated into our flood searches and flood hazard overlay maps. This project, development of floodplain management studies, is the next stage in the process with a view to compile the outcomes of these studies into a single Floodplain Management Plan for the region encompassing all the local and riverine catchments.

PREVIOUS DECISIONS

The Frenchmans Thozets Creek Flood Study was adopted by Council in Infrastructure Committee on 18 September 2018

The Moores Creek and South Rockhampton Local Catchment Studies were adopted by Infrastructure Committee on 25 June 2019

BUDGET IMPLICATIONS

The mitigation projects identified have significant capital budget allocations attached to them. Any inclusion into the capital budget would occur after sufficient planning and design were undertaken to justify the investment.

RISK ASSESSMENT

Council has a duty of care to residents to take the appropriate measures to understand, inform and relieve, where practicable, the impacts to people and property of periodic inundation from local catchment flooding.

It many instances the proposed solutions may not be able to achieve complete immunity from all impacts, and measures may not be feasible due to the prohibitive costs. Nevertheless, issues and solutions can be investigated as part of detailed assessment, on a case by case basis, to evaluate and prioritise mitigation works based on assessment of risk.

CORPORATE/OPERATIONAL PLAN

The report contributes to Council's Corporate Plan goals, specifically:

3.1.1 Consult on, advocate, plan, deliver and maintain a range of safe urban and rural public infrastructure appropriate to the Region's needs, both present and into the future.

CONCLUSION

The Flood Risk Assessment and Flood Risk Management reports for Frenchmans Thozets, Moores and South Rockhampton Local catchments are presented to Council for their endorsement.

FLOOD RISK MANAGEMENT STUDIES

Frenchmans / Thozets Flood Risk Assessment

Meeting Date: 18 March 2025

Attachment No: 1


Prepared for
Rockhampton Regional Council
ABN: 59 923 523 766
AECOM
Flood Risk Management Studies
Flood Risk Assessment Report - Frenchmans and Thozets Creeks
Volume 1
09-Aug-2024
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Flood Risk Management Studies

Flood Risk Assessment Report - Frenchmans and Thozets Creeks Volume 1

Client: Rockhampton Regional Council

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09-Aug-2024

Job No.: 60705287

AECOM in Australia and New Zealand is certified to ISO9001, ISO14001 and ISO45001.

This Project was proudly funded by the Queensland Governments North Queensland Disaster Mitigation Program in association with Rockhampton Regional Council.

Queensland Government

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Quality Information

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Date	09-Aug-2024
Originator	Matthew Huff
Checker/s	Amanda Hopkins and Owen de Jong (BMT)
Verifier/s	Ben Regan

Revision History

Rev	Revision Date	Details	Approved	
			Name/Position	Signature
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1	21-Jun-2024	Final Issue	Richard Corbett Project Manager	Original Signed
2	09-Aug-2024	Final Issue (Minor Updates)	Richard Corbett Project Manager	

Professional Registration

This document includes professional services that require approval from a registered professional.

Registration Scheme	Discipline / Area of Practice	Name of Registered Professional*	Signature	Registration No.	Date
RPEQ	Civil	Richard Corbett		18139	09-Aug-2024

* The registered professional must be the originator of this work or have provided direct supervision to the originator.

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Table of Acronyms

Acronym	Definition
ABS	Australian Bureau of Statistics
AEP	Annual Exceedance Probability
AHD	Australian Height Datum
AHP	Analytic Hierarchy Process
AIDR	Australian Institute of Disaster Resilience
ARR87	Australian Rainfall and Runoff 1987
ARR19	Australian Rainfall and Runoff 2019
CC	Climate Change
CCIS	Climate Change Impact Statement
CPU	Central Processing Unit
DFE	Defined Flood Event
DFL	Defined Floor Level
DNRME	Department of Natural Resources, Mines and Energy
DS	Downstream
NSW DPE	New South Wales Department of Planning and Environment
FERCC	Flood Emergency Response Classification of Communities
FMS	Flood Management Studies
FRAPESA	Flood Risk Assessment, Planning Evaluation and Scheme Amendment
FRFRPS	Fitzroy River Floodplain and Road Planning Study
FRMS	Flood Risk Management Studies
GIS	Geographic Information System
GPU	Graphics Processing Unity
NRFMI	North Rockhampton Flood Management Investigations
PMF	Peak Maximum Flood
QRA	Queensland Reconstruction Authority
RRC	Rockhampton Regional Council
SA1	Statistical Area 1
SA2	Statistical Area 2
SCARM	Standing Committee on Agriculture and Resource Management
SRFL	South Rockhampton Flood Levee
TUFLOW	Two-dimensional Unsteady FLOW - Hydraulic software package
US	Upstream
XMDF	Extensible Model Data Format

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Executive Summary

Rockhampton Regional Council (RRC) engaged AECOM Australia Pty Ltd (AECOM) to undertake Flood Risk Management Studies (FRMS) for three local catchments - Frenchmans & Thozets Creeks, Moores Creek and South Rockhampton. The methodology adopted for this project was split across 3 phases as displayed in Figure E1.

Figure E1 Project Methodology

This report is specific to the ***Frenchmans and Thozets Creeks local catchment*** (refer Figure E2), focused on the ***Flood Risk Assessment*** component which forms Phase 2 of the study.

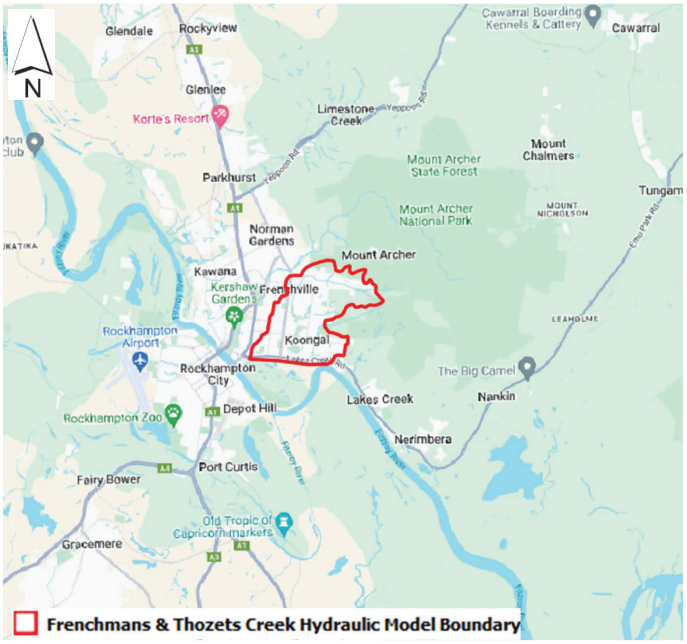

Figure E2 Frenchmans and Thozets Creeks Catchment Locality

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The purpose of this study is to develop and apply a Flood Risk Framework to local catchment flooding, that allows for the identification of areas of high flood risk for subsequent concept mitigation in the next project phase. A core requirement of this phase of the study is to establish a repeatable, quantifiable methodology for assessing and targeting areas of flood risk that can be applied to other catchments in the Rockhampton region.

Flood Risk Assessment Framework

A Flood Risk Assessment Framework was developed for use in this study based on industry best-practice guidance with refinement to suit the specific nuances of the RRC locality. The development process involved review of applicable literature and collaboration with RRC during a series of workshops from July 2023 through to November 2023.

The Flood Risk Assessment Framework shown below in Figure E3 defines flood risk as the interrelationship between the natural flooding processes and the social, environmental and economic composition of the locality.

The elements that make up the framework include Flood Hazard, Hydraulic Risk, Flood Function, Flood Range, Vulnerability (comprising Time to Inundate, Duration of Inundation, Isolation, Land Use, Built Form and Demographics) and Flood Risk.

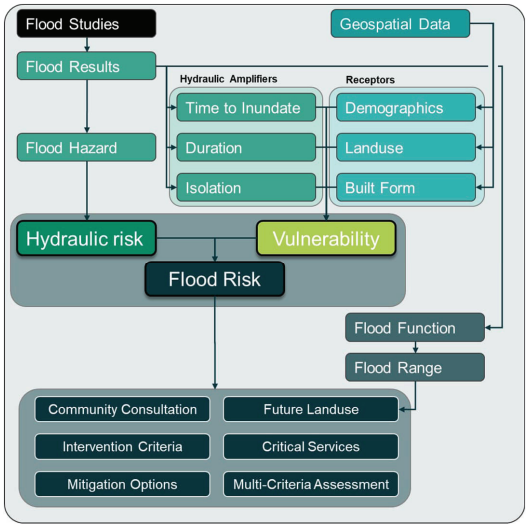


Figure E3 Flood Risk Assessment Framework

Each of these elements are summarised below and discussed in detail within the report.

Flood Hazard

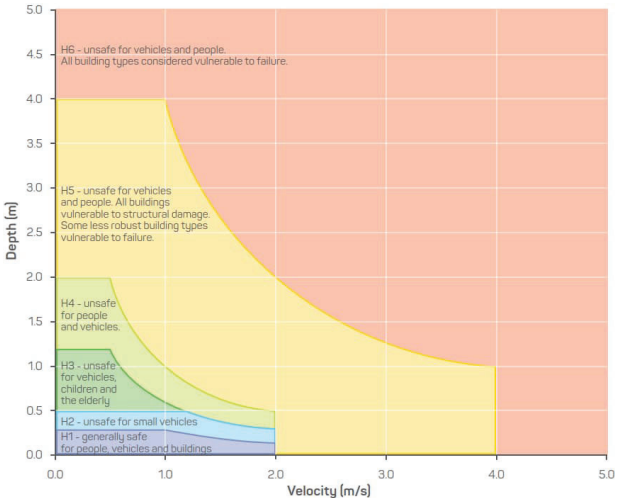


Figure E4 AIDR 7-3 and ARR19 Recommended General Combined Flood Hazard Curves (Smith et. Al., 2014)

Flood Hazard is defined by the Australian Institute of Disaster Resilience (AIDR) in *Guideline 7-3, Flood Hazard*.

In this guidance, Flood Hazard curves are used to define the general classification of flood waters with respect to depth and velocity in order to categorise the posed hazard.

Australian Rainfall and Runoff (ARR– A Guide to Flood Estimation (ARR19)) provides additional guidance on the defining of flood hazard curves, with the Combined Flood Hazard Curves (shown in Figure E4) recommended for use in general hazard classification of floodwaters.

Hydraulic Risk

Risk is usually described in terms of consequences with respect to their likelihoods of occurrence. Hydraulic risk has been quantified in this assessment using this definition of risk with respect solely to the hydraulic aspect of flooding. Consequence is represented using Flood Hazard and Likelihood is represented using the probability of the respective Flood Events (refer Figure E5)

Figure E5 Approach to Quantifying Risk

Hydraulic risk matrices are a flood-specific application of a standard risk management approach to defining risk with respect to the hydraulic components of flooding. The matrix outlines various combinations of likelihoods (AEP events) and consequences (flood hazard categories), then groups similar combinations into hydraulic risk categories. Through collaboration with RRC, the adopted hydraulic risk matrix was developed as shown in Table E1.

Table E1 Selected Hydraulic Risk Matrix

Likelihood (% AEP)	Flood hazard category					
	H1	H2	H3	H4	H5	H6
PMF						
0.05% AEP						
0.2% AEP						
0.5% AEP						
1% AEP						
2% AEP						
5% AEP						
10% AEP						
18% AEP						
39% AEP						
63% AEP						

Hydraulic Risk Category
- HR-5 - High
- HR-4 - Moderate-High
- HR-3 - Moderate
- HR-2 - Low
- HR-1 - Very low

Flood Function

Flood function is defined as a method of classifying the function of areas in floodplains based on the behaviour of floodwaters (refer Figure E6). The NSW Department of Planning and Environment (DPE) classify Flood Function in the *Flood Risk Management Toolkit, FB02 – Flood Function* (DPE, 2023) as:

- **Flood conveyance** areas are the sections of the floodplain that convey the bulk of the flood flow.
- **Flood storage** areas temporarily store water during a flood.
- **Flood Fringe** is generally the outer edge of the floodplain, with lower depths and velocities.

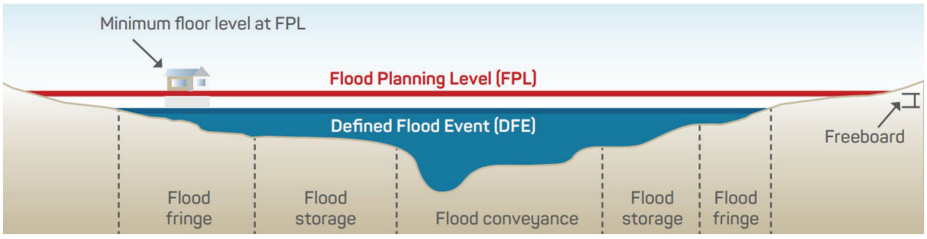


Figure E6 Floodplain Functions (AIDR Handbook 7, 2017)

Testing was undertaken to select the flood function values adopted for this assessment, as shown in Table E2. The values were selected based on catchment topography, knowledge of historic local flooding behaviour and experience in defining values of flood function in other Queensland catchments.

Table E2 Adopted Indicator Values for Flood Function

Flood Function	Event	Indicator	Value
Flood Conveyance	1% AEP	Hazard	≥ H4
		Velocity	≥ 1m/s
Flood Storage		Depth	≥ 0.5m (and not Flood Conveyance)
Flood Fringe		Depth	< 0.5m (and not Flood Conveyance)

Flood Range

Flood Range considers how much flood behaviour can change with the scale of flood event relative to the Defined Flood Event (DFE), including extent, function, depth, velocity and hazard. Handbook 7-5 *Flood Information to Support Land-use Planning* (AIDR, 2017) provides guidance on classifying Flood Function across rarer flood events. In consultation with Council, the adopted indicator values for flood range are displayed in Table E3.

Table E3 Adopted Indicator Values for Flood Range

Flood Range	Event	Indicator	Value
Flood Conveyance	1% AEP	Hazard	≥ H4
		Velocity	≥ 1m/s
Rare Flood Conveyance	PMF	Hazard	≥ H6
Flood Storage	1% AEP	Depth	≥ 0.5m (and not a type of Flood Conveyance)
Flood Fringe		Depth	< 0.5m (and not a type of Flood Conveyance)
PMF Extent	PMF	Extent	PMF Extent

Residual Risk

A specific component of flood range that is important to consider is how flood depth varies for a range of flood likelihoods. In particular the difference between the selected 'defined floor level' (DFL), which helps to establish floor levels, and the maximum possible flood depth. Differences in these two values highlight how much residual risk exists above a proposed DFL and helps to inform appropriate selection of DFL's. An example of this is displayed in Figure E7.

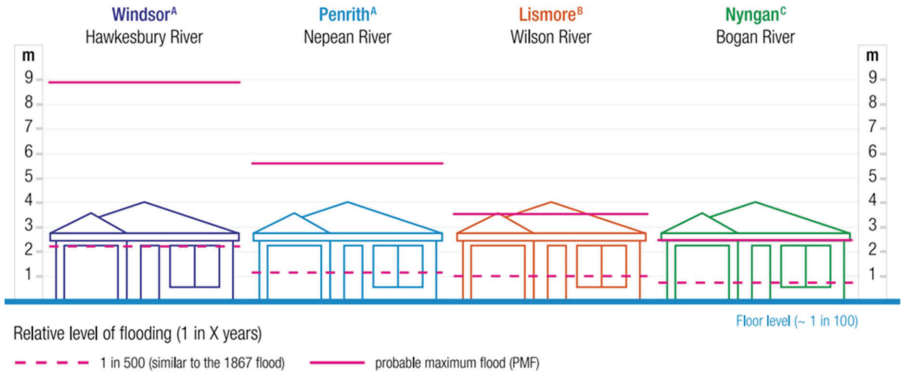


Figure E7 Example of a Comparison of Differences in Flood Levels and Residual Risk (INSW, 2017)

Vulnerability

Whilst all people are inherently vulnerable to the impacts of flooding, some people can be considered more so than others. Vulnerable populations may be impacted more severely and take longer to recover from impacts caused by flooding. Vulnerability relates to issues that affect life safety and is a key metric in considering flood risk.

Aspects of vulnerability considered in this study are displayed in Table E4 with weightings determined using an Analytic Hierarchy Process (AHP), which were developed in agreement with RRC. Each of the elements shown in Table E4 are discussed in further detail below.

Table E4 Vulnerability Criteria Weightings

Criteria	Resolution Level*	Weighting
Time to Inundate	Cell Level	20%
Duration of Inundation	Cell Level	8%
Isolation	Cell Level	14%
Land Use	Property	30%
Building Floor Type (Built Form)	Building	18%
Demographics	Suburb	10%

**Cell level refers to each grid cell within the flood model outputs.*

Time to Inundate

The time to inundate for areas of interest was calculated on the basis of modelling files for the DFE. Results were output at 15 minute intervals with cutoff depths of 75mm, and the extents of outputs were classified into the vulnerability scoring categories shown in Table E5.

Table E5 Time to Inundate Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Time to Inundate (Hrs)	Not flooded in DFE	>1.25 hrs	>1 hrs	>0.75 hrs	>0.5 hrs	<0.25 hrs

Duration of Inundation

The duration of flooding for areas of interest was calculated on the basis of modelling files for the DFE. Results were output at 30 minute increments and assigned a vulnerability score based on Table E6.

Table E6 Duration of Flooding Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Duration of Flooding (Hrs)	Not flooded in DFE	<0.5 hrs	0.5-1.5 hrs	1.5-2.5 hrs	2.5-3 hrs	>3 hrs

Isolation

The flood emergency response classification of communities (FERCCs) is essentially a representation of isolation risk. As shown in Figure E8, FERCCs describe the potential inundation and isolation of properties during rare and extreme flood events.

Areas identified as **High Islands** are locations not predicted to flood in events up to PMF, however can be isolated in events rare than the DFE and residents may be tempted to cross floodwaters in an attempt to evacuate. **Low Islands** are locations that are isolated (but not flooded) in the DFE, however are predicted to be inundated in rarer flood events. These locations of higher vulnerability should be of highest priority for action out of the isolation categories.

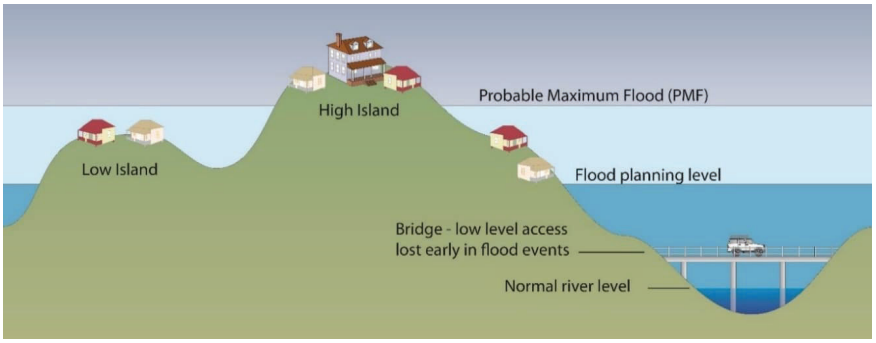


Figure E8 Low and High Flood Islands Schematic

Land Use

For development of regional vulnerability, RRC's land use GIS information was classified on a scale of 0-5 based on general importance and likely vulnerability to a disaster event. The categories assigned are displayed in Table E7.

Table E7 Land Use Classification

Criteria	Scoring					
	0	1	2	3	4	5
Building Built Form	No Data	Rural / non-developed	Open Space	Industry	Commercial	Residential and Critical Infrastructure

Building Floor Type (Built Form)

Survey information (where collected) of built form types has been recorded in RRC's geospatial database. Built form vulnerability criteria is defined in Table E8.

Table E8 Building Built Form Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Building Built Form	No Data	Highset	-	Lowset	-	Slab on Ground

Demographics

The Australian Bureau of Statistics (ABS) maintain census information of communities Australia-wide at a range of resolution levels. The purpose of using census information to measure vulnerability is to gauge how vulnerable a section of the community is in relation to the average population across the entire catchment area. This approach scales across the catchment area and identifies areas that are more vulnerable or less vulnerable on average. The various indices used to measure the Demographic Vulnerability are shown in Table E9.

Table E9 Census Demographics Indices

Demographic Indices	
Physical Vulnerability	
PV-1	% Population over 65 years old
PV-2	% Population under 5 years old
PV-3	% Population over 65 years old and living alone
PV-4	% Population that has assisted living
PV-5	% Population that have long-term health conditions
Socio-Economic Vulnerability	
SEV-1	% Population Unemployed
SEV-2	% Households <$650 / wk income
SEV-3	% Households that are Rentals
SEV-4	% Households that have Mortgages
SEV-5	% Population that are students
Mobility Vulnerability	
MV-1	% Households with no Vehicles
MV-2	% Households with 5+ persons
MV-3	% Households with Single Parent Families
Awareness Vulnerability	
AV-1	% Population with Little to No English of people born overseas
AV-2	% Population that were a different address <1 year ago

Given that the process of averaging pulls the values towards the centre of the 0 – 5 range it was decided with RRC to determine final census vulnerability through further category classification. This classification is displayed in Table E10.

Table E10 Demographic Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Average Demographic Score	No Data	0-1.5	1.5-1.9	1.9-2.1	2.1-2.5	>2.5

Vulnerability Criteria Scoring

A summary of the vulnerability criteria and the indices which inform them is shown in Table E11.

Table E11 Vulnerability Criteria Scorings

Criteria	Scoring					
	0	1	2	3	4	5
Time to Inundate	No Data	>1.25	>1	>0.75	>0.5	<0.25
Duration of Inundation		<0.5	0.5-1.5	1.5-2.5	2.5-3	>3
Isolation		PMF Extent	-	1% AEP Extent	-	Low Island
Land Use		Rural / non-developed	Open Space	Industry	Commercial	Residential
Building Floor Type		Highset	-	Lowset	-	Slab on Ground
Demographics		0-1.5	1.5-1.9	1.9-2.1	2.1-2.5	>2.5

Flood Risk

The combination of hydraulic risk and vulnerability receptor information has been used to identify the flood risk at a particular location. The purpose of this output is to determine where hydraulic risk has the highest potential to impact on vulnerable populations.
The equation and scoring values determined in the flood risk process is shown in Figure E9.

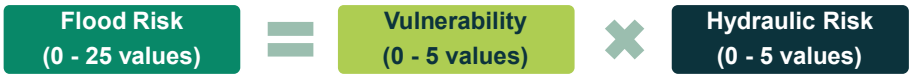


Figure E9 Flood Risk Relationship

Once multiplied together using the equation in Figure E9, flood risk is classified quantitatively using the values detailed in Table E12.

Table E12 Flood Risk Quantitative Classification

Key	Value	Risk Level
	≤ 5	Lower Risk
	≤9	
	≤13	
	≤17	
	≤25	Higher Risk

This classification of flood risk can also be represented as a matrix, as shown in Table E13.

Table E13 Flood Risk Classification Matrix

		Flood Risk				
		Vulnerability Score				
		1	2	3	4	5
Hydraulic risk	Very Low (1)	1	2	3	4	5
	Low (2)	2	4	6	8	10
	Moderate (3)	3	6	9	12	15
	Moderate-High (4)	4	8	12	16	20
	High (5)	5	10	15	20	25

Note: Zero value is used for any 'no data' values encountered during the assessment.

Flood Risk Assessment Results

Hydraulic Risk Analysis

The **hydraulic risk output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced hydraulic risk which is displayed in Figure E10 with detailed isolation mapping provided in Volume 2 of this report.

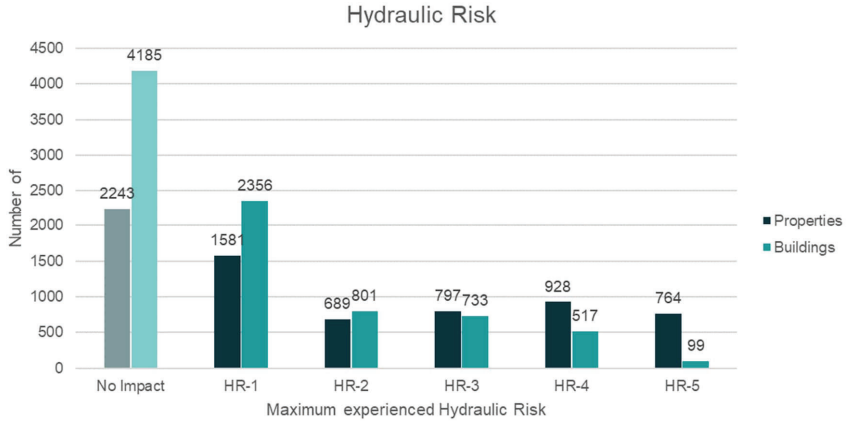


Figure E10 Hydraulic Risk of Building Footprints and Properties

Figure E10 shows there a general declining trend in number of buildings as hydraulic risk increases. For properties, the number of properties initially decreases, before starting to increase as the hydraulic risk increases.

Flood Range Analysis

The **flood range output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced flood range which is displayed in Figure E11 with detailed isolation mapping provided in Volume 2 of this report.

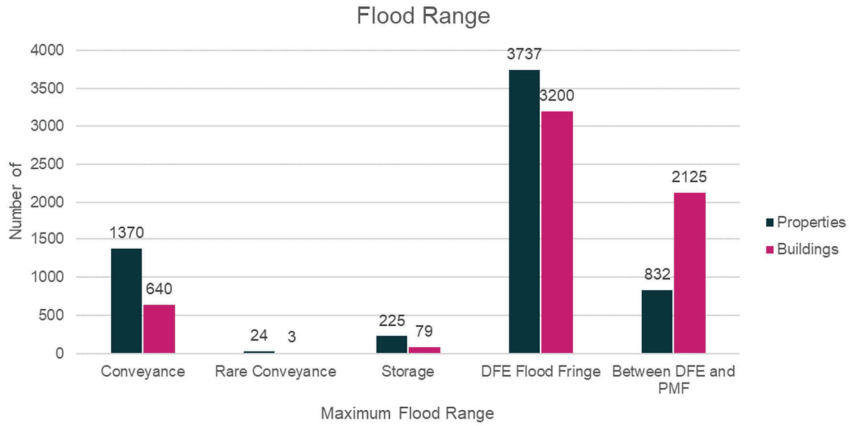


Figure E11 Flood Range of Building Footprints and Properties

It can be seen that 8% of the buildings within the PMF extent experience some form of conveyance, rare conveyance or storage. These categories of flood range are sensitive to filling, where significant impacts to flows or flood heights are likely from changes at these locations.

Time of Inundation Analysis

The **time to inundation output** was intersected with the RRC property zone and building footprint database to develop a breakdown of minimum experienced time to inundation which is displayed in Figure E12.

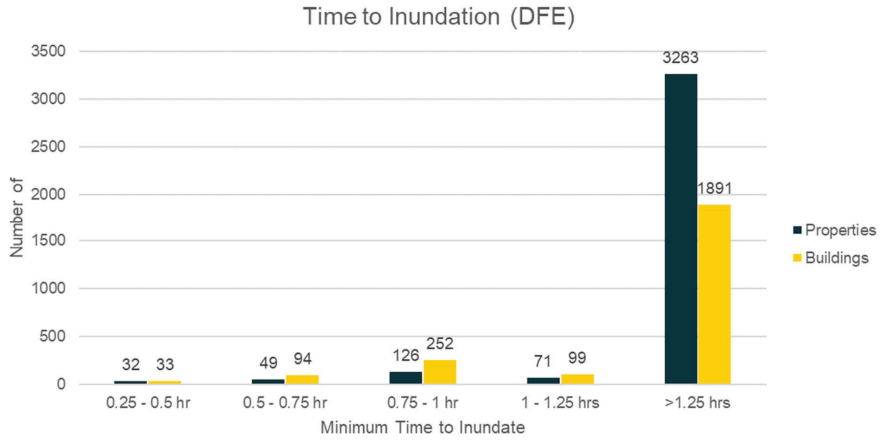


Figure E12 Time to Inundation of Properties and Buildings

It is identified that most of the catchment has more than 1.25hrs of warning from initial rainfall to first seeing surface water.

Duration of Inundation Analysis

The **duration of flooding output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced duration of flooding which is displayed in Figure E13.

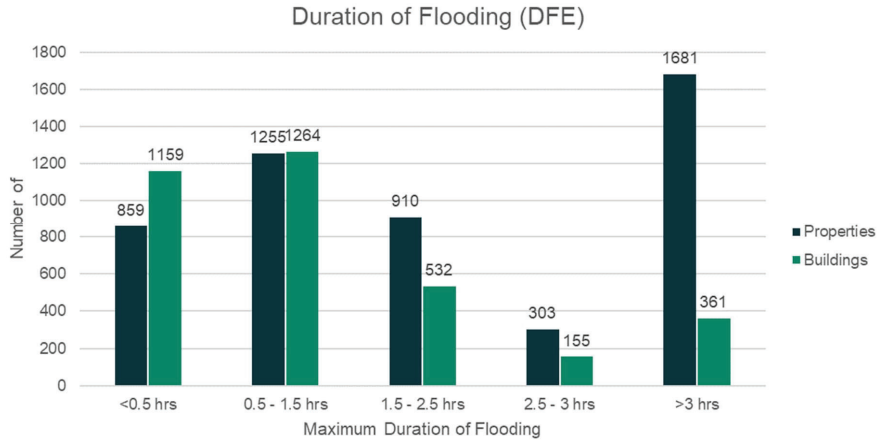


Figure E13 Duration of Flooding of Properties and Buildings

The majority of impacted buildings have short durations of flooding (under 1.5 hours). This is expected in a local catchment driven by flash flooding, however there is a noted portion of buildings that experience a sustained duration of flooding (greater than 3 hours).

Isolation Analysis

The **isolation output** was intersected with the RRC property zone and building footprint database to develop a breakdown of worst case category experienced at each property and building, which is displayed in Figure E14 with detailed isolation mapping provided in Volume 2 of this report.

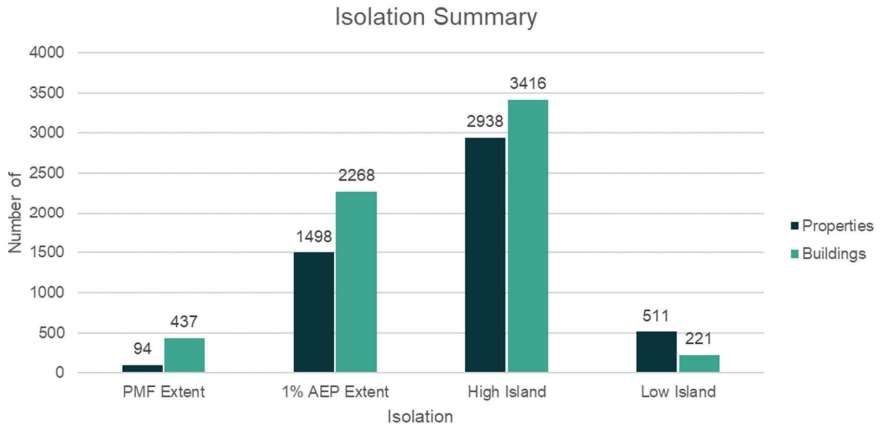


Figure E14 Flood Isolation of Building Footprints and Properties

Buildings and properties impacted by PMF or DFE flooding comprise 30% of the buildings in the catchment. Low islands are locations of higher vulnerability, however, comprise only 2% of the catchment. These areas should be of highest priority for action out of the isolation categories.

Vulnerability Analysis

The **vulnerability output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum vulnerability experienced, which is displayed in Figure E15 with detailed isolation mapping provided in Volume 2 of this report.

Figure E15 Maximum Vulnerability for Properties and Buildings Across Catchment

The majority of resident vulnerability (captured spatially at building footprints) sits at the median of the 0 – 5 range. However, it is noted that a much larger portion of buildings are considered to be vulnerable to the impacts of flooding (greater than 2.5) than not vulnerable.

Flood Risk Analysis

The **flood risk output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced flood risk which is displayed in Figure E16.

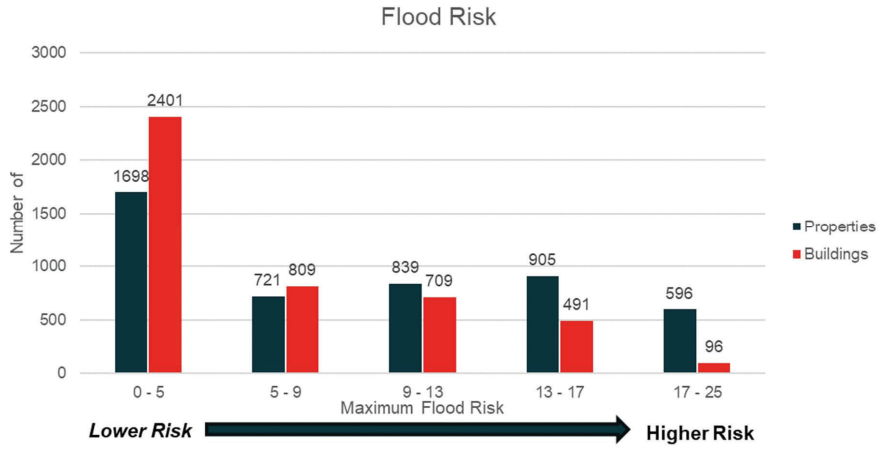


Figure E16 Maximum Experienced Flood Risk of Building Footprints and Properties

Across the catchment, there is a general decrease in number of properties and buildings when increasing in flood risk scoring. The trend of decrease is more significant with buildings, whilst the downward trend is much flatter in properties.

Recommendations and Next Steps

The following are the recommendations from this assessment:

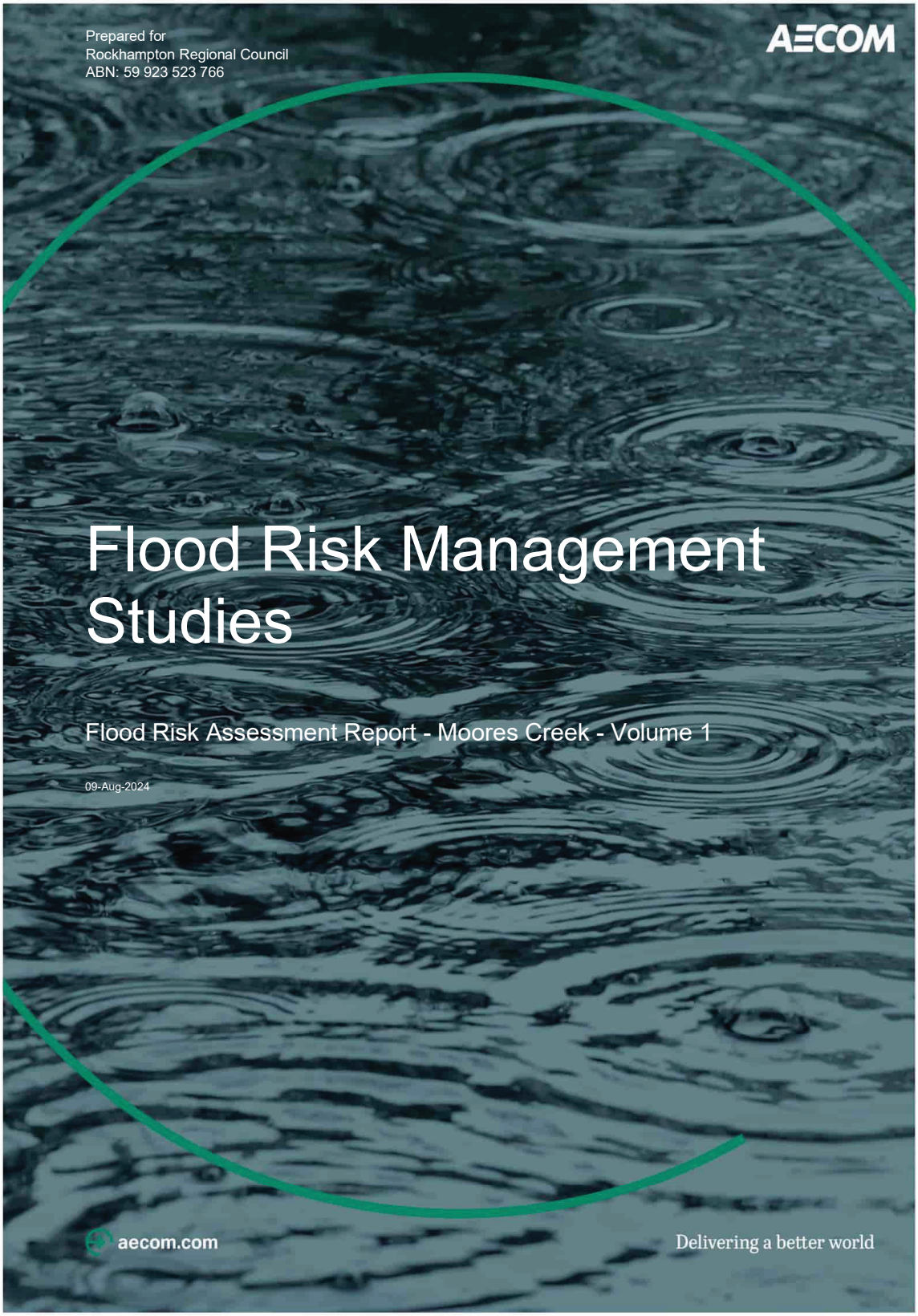
- Adoption of the Flood Risk Framework for use in future projects for assessing flood risk in other catchments and following hydraulic model updates.
- Adoption of flood risk mapping, and mapping of flood risk inputs into council planning decisions:
  - Analysis and targeting of areas of high flood risk with structural and non-structural mitigations.
- Incorporating the flood risk outputs into flood risk management investigations:
  - Inclusion as a metric of assessing the performance of mitigation infrastructure in reducing flood risk.
- Sharing flood risk mapping with the community to engage residents in becoming aware of their flood risk, and to be used as an input to obtain community buy in into developing mitigation solutions.
- Conduct updates to flood modelling as detailed in the *Rockhampton Flood Risk Management Studies – Overall Review Report* (10-Nov-23), which includes but is not limited to:
  - Inclusion of latest LiDAR data
  - Updating the models from ARR87 to ARR19 hydrology.
  - Updates to topography in localised areas.
  - Filtering of results in addition to existing 75mm depth cutoff.

FLOOD RISK MANAGEMENT STUDIES

Moores Creek Flood Risk Assessment

Meeting Date: 18 March 2025

Attachment No: 2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Flood Risk Assessment Report - Moores Creek - Volume 1

Client: Rockhampton Regional Council

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09-Aug-2024

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			Name/Position	Signature
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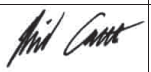
Professional Registration

This document includes professional services that require approval from a registered professional.

Registration Scheme	Discipline / Area of Practice	Name of Registered Professional*	Signature	Registration No.	Date
RPEQ	Civil	Richard Corbett		18139	09-Aug-2024

* The registered professional must be the originator of this work or have provided direct supervision to the originator.

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Table of Acronyms

Acronym	Definition
ABS	Australian Bureau of Statistics
AEP	Annual Exceedance Probability
AHD	Australian Height Datum
AHP	Analytic Hierarchy Process
AIDR	Australian Institute of Disaster Resilience
ARR87	Australian Rainfall and Runoff 1987
ARR19	Australian Rainfall and Runoff 2019
CC	Climate Change
CCIS	Climate Change Impact Statement
CPU	Central Processing Unit
DFE	Defined Flood Event
DFL	Defined Floor Level
DNRME	Department of Natural Resources, Mines and Energy
DS	Downstream
NSW DPE	New South Wales Department of Planning and Environment
FERCC	Flood Emergency Response Classification of Communities
FMS	Flood Management Studies
FRAPESA	Flood Risk Assessment, Planning Evaluation and Scheme Amendment
FRFRPS	Fitzroy River Floodplain and Road Planning Study
FRMS	Flood Risk Management Studies
GIS	Geographic Information System
GPU	Graphics Processing Unity
NRFMI	North Rockhampton Flood Management Investigations
PMF	Peak Maximum Flood
QRA	Queensland Reconstruction Authority
RRC	Rockhampton Regional Council
SA1	Statistical Area 1
SA2	Statistical Area 2
SCARM	Standing Committee on Agriculture and Resource Management
SRFL	South Rockhampton Flood Levee
TUFLOW	Two-dimensional Unsteady FLOW - Hydraulic software package
US	Upstream
XMDF	Extensible Model Data Format

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Executive Summary

Rockhampton Regional Council (RRC) engaged AECOM Australia Pty Ltd (AECOM) to undertake Flood Risk Management Studies (FRMS) for three local catchments - Frenchmans & Thozets Creeks, Moores Creek and South Rockhampton. The methodology adopted for this project was split across 3 phases as displayed in Figure E1.

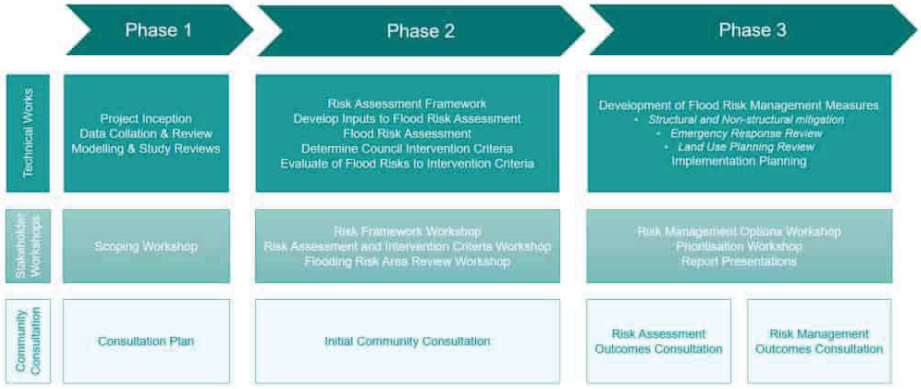

Figure E1 Project Methodology

This report is specific to the ***Moores Creek local catchment*** (refer Figure E2), focused on the ***Flood Risk Assessment*** component which forms Phase 2 of the study.

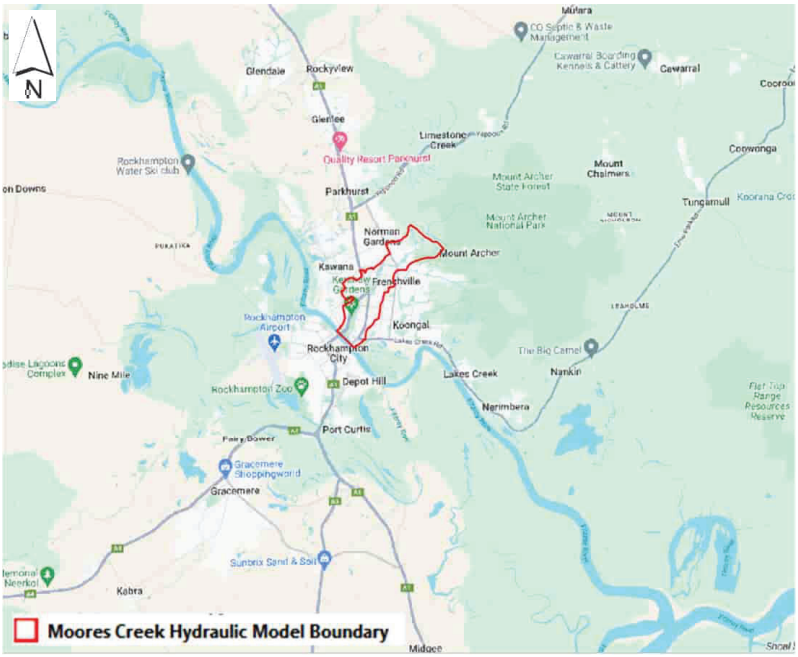

Figure E2 Moores Creek Catchment Locality

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The purpose of this study is to develop and apply a Flood Risk Framework to local catchment flooding, that allows for the identification of areas of high flood risk for subsequent concept mitigation in the next project phase. A core requirement of this phase of the study is to establish a repeatable, quantifiable methodology for assessing and targeting areas of flood risk that can be applied to other catchments in the Rockhampton region.

Flood Risk Assessment Framework

A Flood Risk Assessment Framework was developed for use in this study based on industry best-practice guidance with refinement to suit the specific nuances of the RRC locality. The development process involved review of applicable literature and collaboration with RRC during a series of workshops from July 2023 through to November 2023.

The Flood Risk Assessment Framework shown below in Figure E3 defines flood risk as the interrelationship between the natural flooding processes and the social, environmental and economic composition of the locality.

The elements that make up the framework include Flood Hazard, Hydraulic Risk, Flood Function, Flood Range, Vulnerability (comprising Time to Inundate, Duration of Inundation, Isolation, Land Use, Built Form and Demographics) and Flood Risk.

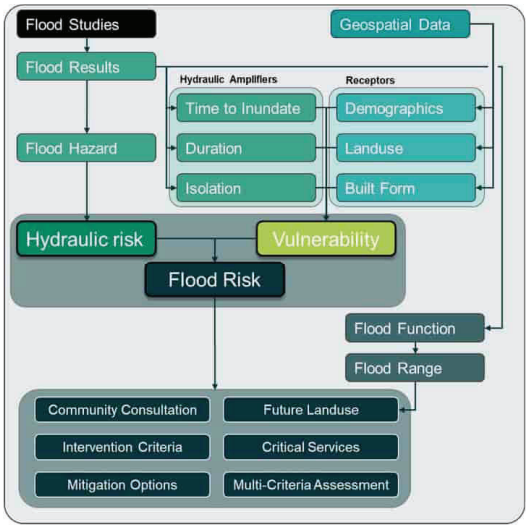

Figure E3 Flood Risk Assessment Framework

Each of these elements are summarised below and discussed in detail within the report.

Flood Hazard

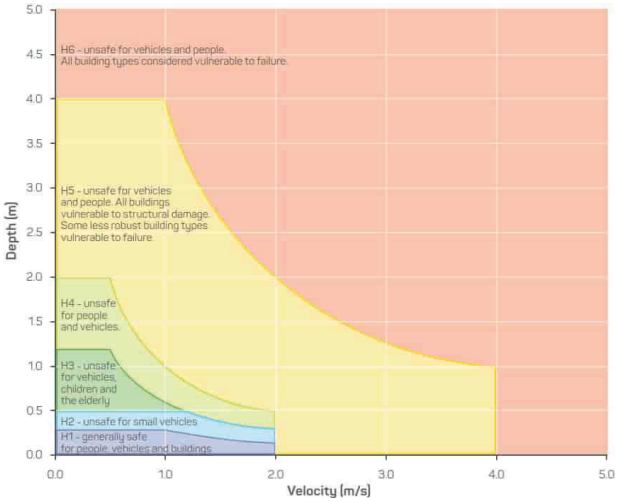

Figure E4 AIDR 7-3 and ARR19 Recommended General Combined Flood Hazard Curves (Smith et. Al., 2014)

Flood Hazard is defined by the Australian Institute of Disaster Resilience (AIDR) in *Guideline 7-3, Flood Hazard*.

In this guidance, Flood Hazard curves are used to define the general classification of flood waters with respect to depth and velocity in order to categorise the posed hazard.

Australian Rainfall and Runoff (ARR– A Guide to Flood Estimation (ARR19)) provides additional guidance on the defining of flood hazard curves, with the Combined Flood Hazard Curves (shown in Figure E4) recommended for use in general hazard classification of floodwaters.

Hydraulic Risk

Risk is usually described in terms of consequences with respect to their likelihoods of occurrence. Hydraulic risk has been quantified in this assessment using this definition of risk with respect solely to the hydraulic aspect of flooding. Consequence is represented using Flood Hazard and Likelihood is represented using the probability of the respective Flood Events (refer Figure E5)

Figure E5 Approach to Quantifying Risk

Hydraulic risk matrices are a flood-specific application of a standard risk management approach to defining risk with respect to the hydraulic components of flooding. The matrix outlines various combinations of likelihoods (AEP events) and consequences (flood hazard categories), then groups similar combinations into hydraulic risk categories. Through collaboration with RRC, the adopted hydraulic risk matrix was developed as shown in Table E1.

Table E1 Selected Hydraulic Risk Matrix

Likelihood (% AEP)	Flood hazard category					
	H1	H2	H3	H4	H5	H6
PMF						
0.05% AEP						
0.2% AEP						
0.5% AEP						
1% AEP						
2% AEP						
5% AEP						
10% AEP						
18% AEP						
39% AEP						
63% AEP						

Hydraulic Risk Category
- HR-5 - High
- HR-4 - Moderate-High
- HR-3 - Moderate
- HR-2 - Low
- HR-1 - Very low

Flood Function

Flood function is defined as a method of classifying the function of areas in floodplains based on the behaviour of floodwaters (refer Figure E6). The NSW Department of Planning and Environment (DPE) classify Flood Function in the *Flood Risk Management Toolkit, FB02 – Flood Function* (DPE, 2023) as:

- **Flood conveyance** areas are the sections of the floodplain that convey the bulk of the flood flow.
- **Flood storage** areas temporarily store water during a flood.
- **Flood Fringe** is generally the outer edge of the floodplain, with lower depths and velocities.

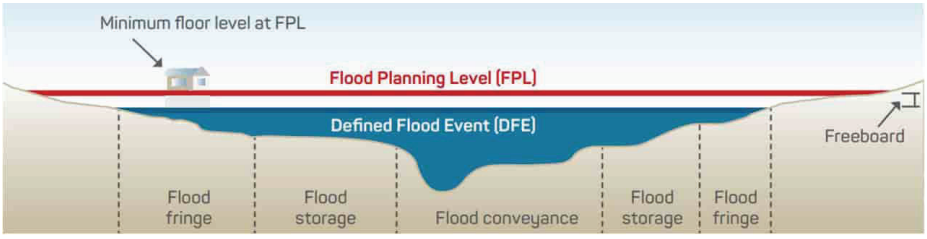

Figure E6 Floodplain Functions (AIDR Handbook 7, 2017)

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Testing was undertaken to select the flood function values adopted for this assessment, as shown in Table E2. The values were selected based on catchment topography, knowledge of historic local flooding behaviour and experience in defining values of flood function in other Queensland catchments.

Table E2 Adopted Indicator Values for Flood Function

Flood Function	Event	Indicator	Value
Flood Conveyance	1% AEP	Hazard	≥ H4
		Velocity	≥ 1m/s
Flood Storage		Depth	≥ 0.5m (and not Flood Conveyance)
Flood Fringe		Depth	< 0.5m (and not Flood Conveyance)

Flood Range

Flood Range considers how much flood behaviour can change with the scale of flood event relative to the Defined Flood Event (DFE), including extent, function, depth, velocity and hazard. Handbook 7-5 *Flood Information to Support Land-use Planning* (AIDR, 2017) provides guidance on classifying Flood Function across rarer flood events. In consultation with Council, the adopted indicator values for flood range are displayed in Table E3.

Table E3 Adopted Indicator Values for Flood Range

Flood Range	Event	Indicator	Value
Flood Conveyance	1% AEP	Hazard	≥ H4
		Velocity	≥ 1m/s
Rare Flood Conveyance	PMF	Hazard	≥ H6
Flood Storage	1% AEP	Depth	≥ 0.5m (and not a type of Flood Conveyance)
Flood Fringe		Depth	< 0.5m (and not a type of Flood Conveyance)
PMF Extent	PMF	Extent	PMF Extent

Residual Risk

A specific component of flood range that is important to consider is how flood depth varies for a range of flood likelihoods. In particular the difference between the selected 'defined floor level' (DFL), which helps to establish floor levels, and the maximum possible flood depth. Differences in these two values highlight how much residual risk exists above a proposed DFL and helps to inform appropriate selection of DFL's. An example of this is displayed in Figure E7.

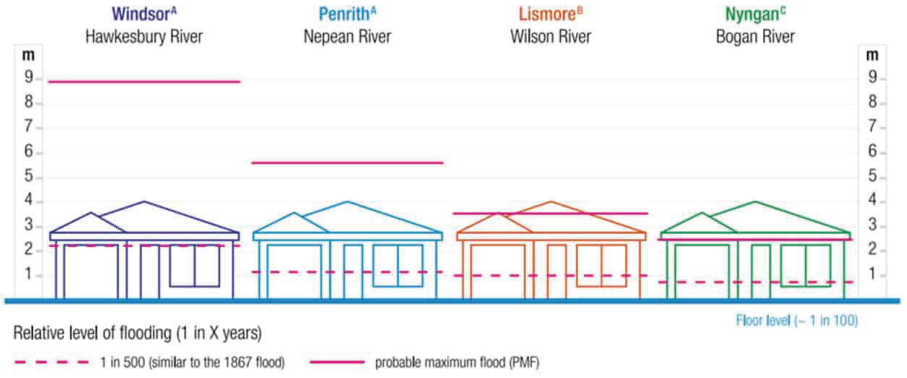


Figure E7 Example of a Comparison of Differences in Flood Levels and Residual Risk (INSW, 2017)

Vulnerability

Whilst all people are inherently vulnerable to the impacts of flooding, some people can be considered more so than others. Vulnerable populations may be impacted more severely and take longer to recover from impacts caused by flooding. Vulnerability relates to issues that affect life safety and is a key metric in considering flood risk.

Aspects of vulnerability considered in this study are displayed in Table E4 with weightings determined using an Analytic Hierarchy Process (AHP), which were developed in agreement with RRC. Each of the elements shown in Table E4 are discussed in further detail below.

Table E4 Vulnerability Criteria Weightings

Criteria	Resolution Level*	Weighting
Time to Inundate	Cell Level	20%
Duration of Inundation	Cell Level	8%
Isolation	Cell Level	14%
Land Use	Property	30%
Building Floor Type (Built Form)	Building	18%
Demographics	Suburb	10%

**Cell level refers to each grid cell within the flood model outputs.*

Time to Inundate

The time to inundate for areas of interest was calculated on the basis of modelling files for the DFE. Results were output at 15 minute intervals with cutoff depths of 75mm, and the extents of outputs were classified into the vulnerability scoring categories shown in Table E5.

Table E5 Time to Inundate Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Time to Inundate (Hrs)	Not flooded in DFE	>1.25 hrs	>1 hrs	>0.75 hrs	>0.5 hrs	<0.25 hrs

Duration of Inundation

The duration of flooding for areas of interest was calculated on the basis of modelling files for the DFE. Results were output at 30 minute increments and assigned a vulnerability score based on Table E6.

Table E6 Duration of Flooding Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Duration of Flooding (Hrs)	Not flooded in DFE	<0.5 hrs	0.5-1.5 hrs	1.5-2.5 hrs	2.5-3 hrs	>3 hrs

Isolation

The flood emergency response classification of communities (FERCCs) is essentially a representation of isolation risk. As shown in Figure E8, FERCCs describe the potential inundation and isolation of properties during rare and extreme flood events.

Areas identified as **High Islands** are locations not predicted to flood in events up to PMF, however can be isolated in events rare than the DFE and residents may be tempted to cross floodwaters in an attempt to evacuate. **Low Islands** are locations that are isolated (but not flooded) in the DFE, however are predicted to be inundated in rarer flood events. These locations of higher vulnerability should be of highest priority for action out of the isolation categories.

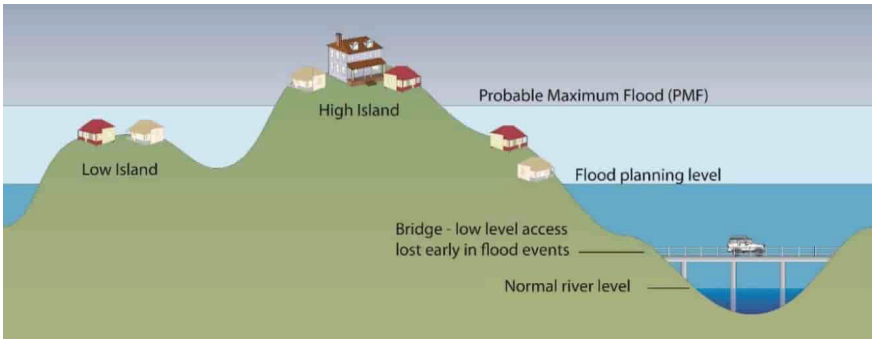


Figure E8 Low and High Flood Islands Schematic

Land Use

For development of regional vulnerability, RRC's land use GIS information was classified on a scale of 0-5 based on general importance and likely vulnerability to a disaster event. The categories assigned are displayed in Table E7.

Table E7 Land Use Classification

Criteria	Scoring					
	0	1	2	3	4	5
Building Built Form	No Data	Rural / non-developed	Open Space	Industry	Commercial	Residential and Critical Infrastructure

Building Floor Type (Built Form)

Survey information (where collected) of built form types has been recorded in RRC's geospatial database. Built form vulnerability criteria is defined in Table E8.

Table E8 Building Built Form Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Building Built Form	No Data	Highset	-	Lowset	-	Slab on Ground

Demographics

The Australian Bureau of Statistics (ABS) maintain census information of communities Australia-wide at a range of resolution levels. The purpose of using census information to measure vulnerability is to gauge how vulnerable a section of the community is in relation to the average population across the entire catchment area. This approach scales across the catchment area and identifies areas that are more vulnerable or less vulnerable on average. The various indices used to measure the Demographic Vulnerability are shown in Table E9.

Table E9 Census Demographics Indices

Demographic Indices	
Physical Vulnerability	
PV-1	% Population over 65 years old
PV-2	% Population under 5 years old
PV-3	% Population over 65 years old and living alone
PV-4	% Population that has assisted living
PV-5	% Population that have long-term health conditions
Socio-Economic Vulnerability	
SEV-1	% Population Unemployed
SEV-2	% Households <$650 / wk income
SEV-3	% Households that are Rentals
SEV-4	% Households that have Mortgages
SEV-5	% Population that are students
Mobility Vulnerability	
MV-1	% Households with no Vehicles
MV-2	% Households with 5+ persons
MV-3	% Households with Single Parent Families
Awareness Vulnerability	
AV-1	% Population with Little to No English of people born overseas
AV-2	% Population that were a different address <1 year ago

Given that the process of averaging pulls the values towards the centre of the 0 – 5 range it was decided with RRC to determine final census vulnerability through further category classification. This classification is displayed in Table E10.

Table E10 Demographic Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Average Demographic Score	No Data	0-1.5	1.5-1.9	1.9-2.1	2.1-2.5	>2.5

Vulnerability Criteria Scoring

A summary of the vulnerability criteria and the indices which inform them is shown in Table E11.

Table E11 Vulnerability Criteria Scorings

Criteria	Scoring					
	0	1	2	3	4	5
Time to Inundate	No Data	>1.25	>1	>0.75	>0.5	<0.25
Duration of Inundation		<0.5	0.5-1.5	1.5-2.5	2.5-3	>3
Isolation		PMF Extent	-	1% AEP Extent	-	Low Island
Land Use		Rural / non-developed	Open Space	Industry	Commercial	Residential
Building Floor Type		Highset	-	Lowset	-	Slab on Ground
Demographics		0-1.5	1.5-1.9	1.9-2.1	2.1-2.5	>2.5

Flood Risk

The combination of hydraulic risk and vulnerability receptor information has been used to identify the flood risk at a particular location. The purpose of this output is to determine where hydraulic risk has the highest potential to impact on vulnerable populations.
The equation and scoring values determined in the flood risk process is shown in Figure E9.

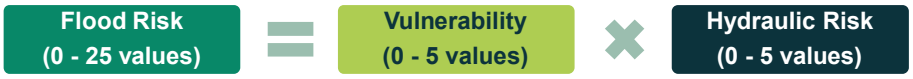


Figure E9 Flood Risk Relationship

Once multiplied together using the equation in Figure E9, flood risk is classified quantitatively using the values detailed in Table E12.

Table E12 Flood Risk Quantitative Classification

Key	Value	Risk Level
	≤ 5	Lower Risk
	≤9	
	≤13	
	≤17	
	≤25	Higher Risk

This classification of flood risk can also be represented as a matrix, as shown in Table E13.

Table E13 Flood Risk Classification Matrix

		Flood Risk				
		Vulnerability Score				
		1	2	3	4	5
Hydraulic risk	Very Low (1)	1	2	3	4	5
	Low (2)	2	4	6	8	10
	Moderate (3)	3	6	9	12	15
	Moderate-High (4)	4	8	12	16	20
	High (5)	5	10	15	20	25

Note: Zero value is used for any 'no data' values encountered during the assessment.

Flood Risk Assessment Results

Hydraulic Risk Analysis

The **hydraulic risk output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced hydraulic risk which is displayed in Figure E10 with detailed isolation mapping provided in Volume 2 of this report.

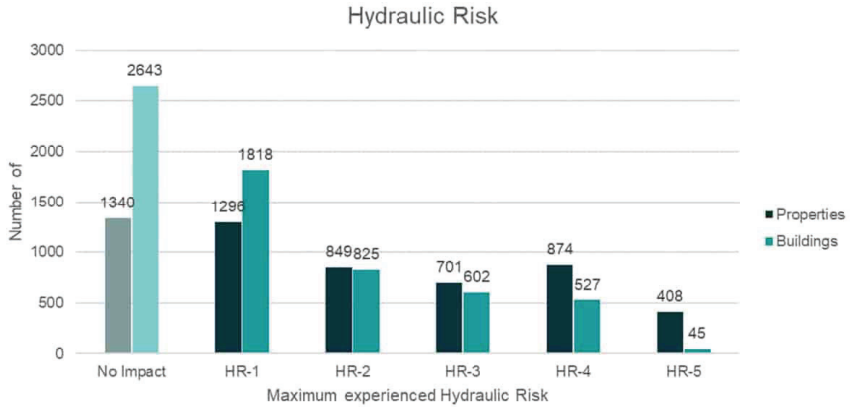


Figure E10 Hydraulic Risk of Building Footprints and Properties

Figure E10 shows there a general declining trend in number of buildings as hydraulic risk increases. For properties, the number of properties initially decreases, before starting to increase as the hydraulic risk increases.

Flood Range Analysis

The **flood range output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced flood range which is displayed in Figure E11 with detailed isolation mapping provided in Volume 2 of this report.

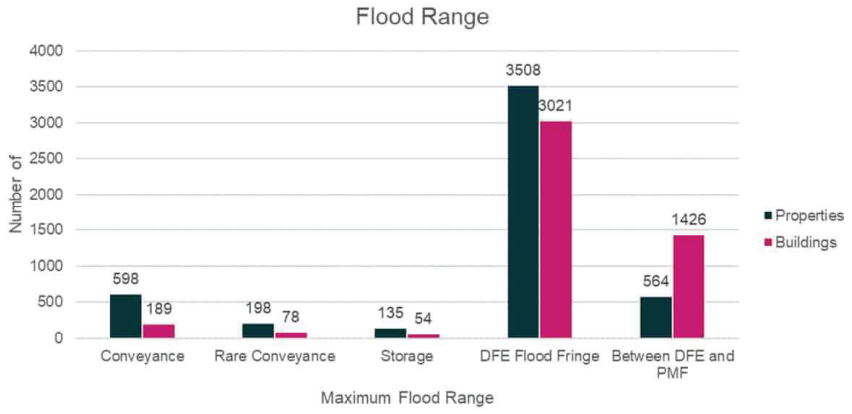


Figure E11 Flood Range of Building Footprints and Properties

It can be seen that 5% of the total properties in the catchment experience some form of conveyance, rare conveyance or storage. These categories of flood range are sensitive to filling, where significant impacts to flows or flood heights are likely from changes at these locations.

Time of Inundation Analysis

The **time to inundation output** was intersected with the RRC property zone and building footprint database to develop a breakdown of minimum experienced time to inundation which is displayed in Figure E12.

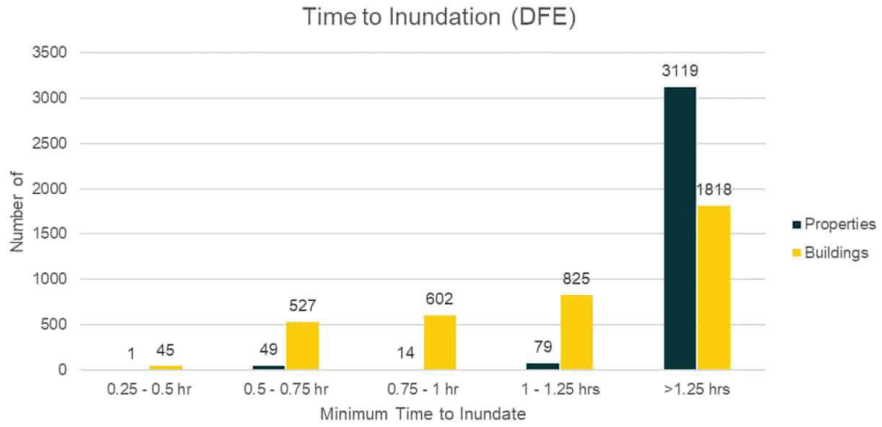


Figure E12 Time to Inundation of Properties and Buildings

It is identified that most of the catchment has more than 1.25hrs of warning from initial rainfall to first seeing surface water.

Duration of Inundation Analysis

The **duration of flooding output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced duration of flooding which is displayed in Figure E13.

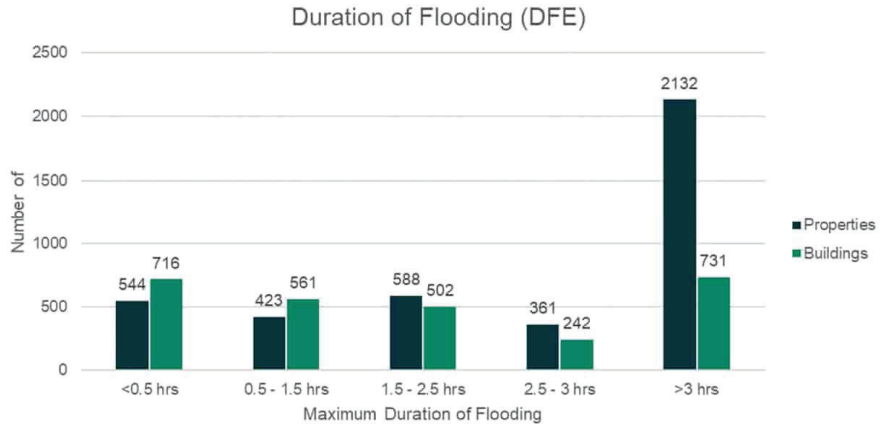


Figure E13 Duration of Flooding of Properties and Buildings

The trend of duration of flooding for impacted buildings is relatively flat for durations of flooding under 3 hours. The durations of flooding experienced in the catchment are overall fairly low, which is expected in a local catchment driven by flash flooding, however there is a noted portion of buildings that experience a sustained duration of flooding (greater than 3 hours).

Isolation Analysis

The **isolation output** was intersected with the RRC property zone and building footprint database to develop a breakdown of worst case category experienced at each property and building, which is displayed in Figure E14 with detailed isolation mapping provided in Volume 2 of this report.

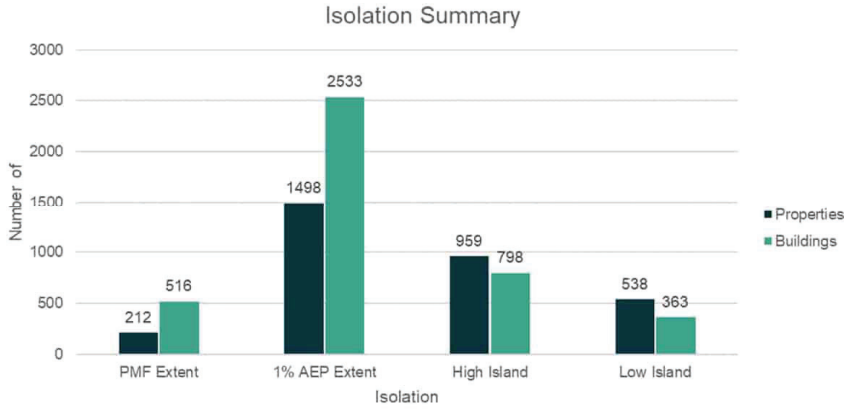


Figure E14 Flood Isolation of Building Footprints and Properties

Buildings and properties impacted by PMF or DFE flooding comprise 47% of the buildings in the catchment. Low islands are locations of higher vulnerability, however, comprise only 5% of the catchment. These areas should be of highest priority for action out of the isolation categories.

Vulnerability Analysis

The **vulnerability output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum vulnerability experienced, which is displayed in Figure E15 with detailed isolation mapping provided in Volume 2 of this report.

Figure E15 Maximum Vulnerability for Properties and Buildings Across Catchment

The majority of resident vulnerability (captured spatially at building footprints) sits at the median of the 0 – 5 range. However, it is noted that a much larger portion of buildings are considered to be vulnerable to the impacts of flooding (greater than 2.5) than not vulnerable.

Flood Risk Analysis

The **flood risk output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced flood risk which is displayed in Figure E16.

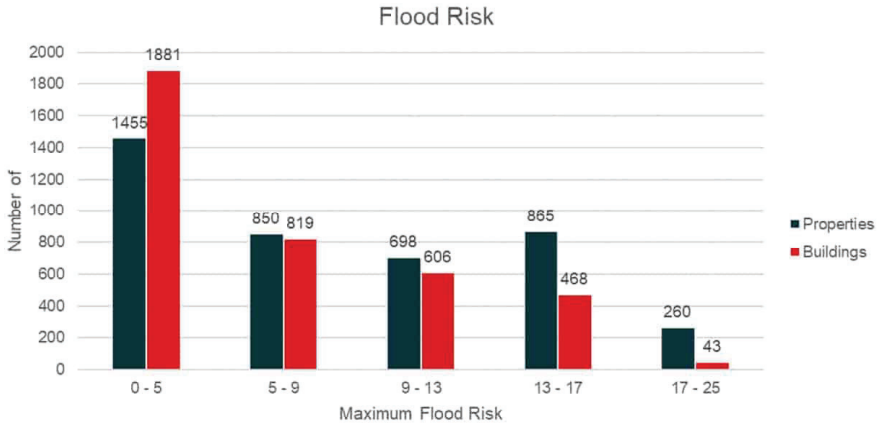


Figure E16 Maximum Experienced Flood Risk of Building Footprints and Properties

Across the catchment, there is a general decrease in number of properties and buildings when increasing in flood risk scoring. The trend of decrease is more significant with buildings, whilst the downward trend is much flatter in properties.

Recommendations and Next Steps

The following are the recommendations from this assessment:

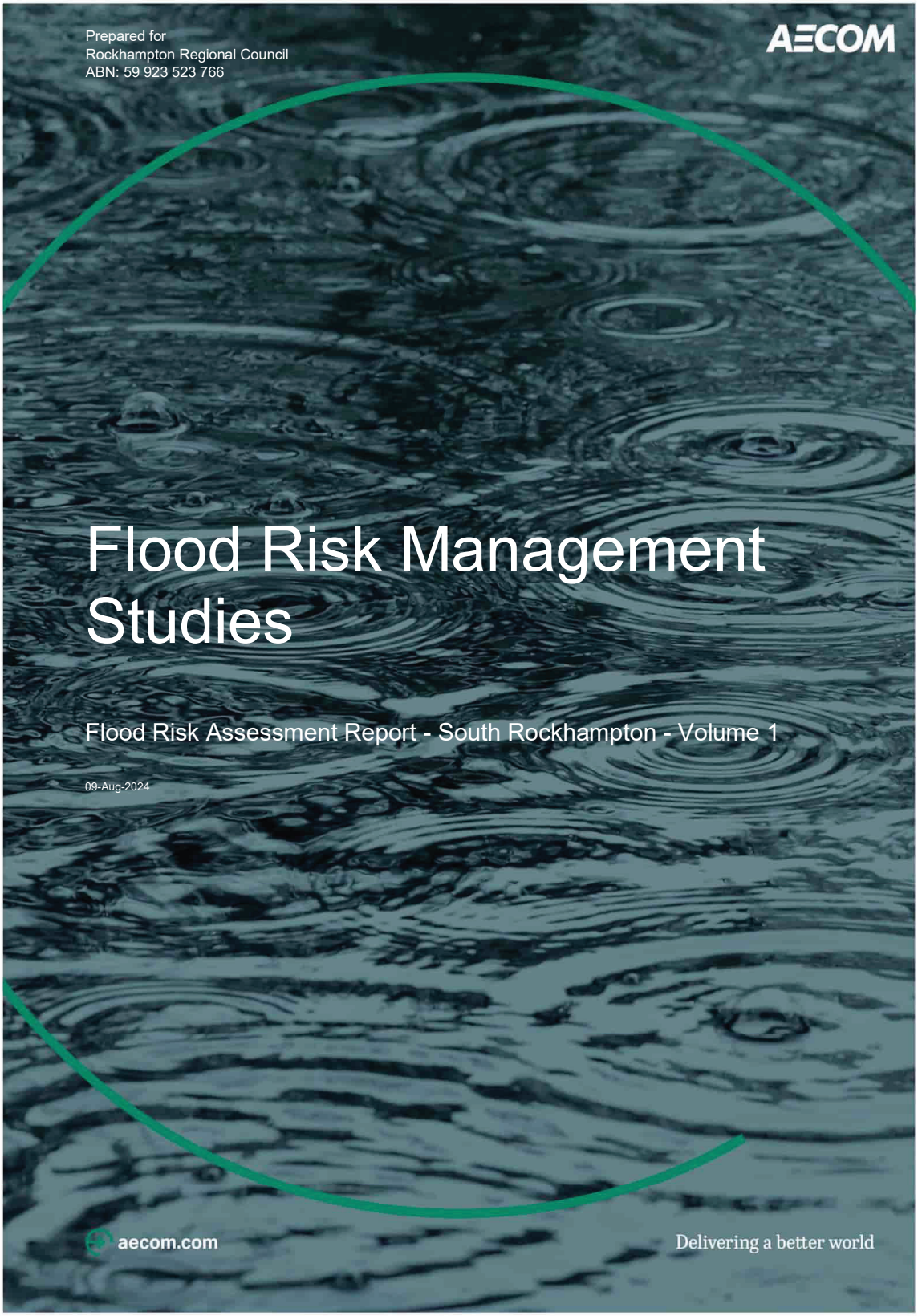
- Adoption of the Flood Risk Framework for use in future projects for assessing flood risk in other catchments and following hydraulic model updates.
- Adoption of flood risk mapping, and mapping of flood risk inputs into council planning decisions:
  - Analysis and targeting of areas of high flood risk with structural and non-structural mitigations.
- Incorporating the flood risk outputs into flood risk management investigations:
  - Inclusion as a metric of assessing the performance of mitigation infrastructure in reducing flood risk.
- Sharing flood risk mapping with the community to engage residents in becoming aware of their flood risk, and to be used as an input to obtain community buy in into developing mitigation solutions.
- Conduct updates to flood modelling as detailed in the *Rockhampton Flood Risk Management Studies – Overall Review Report* (10-Nov-23), which includes but is not limited to:
  - Inclusion of latest LiDAR data
  - Updating the models from ARR87 to ARR19 hydrology.
  - Updates to topography in localised areas.
  - Filtering of results in addition to existing 75mm depth cutoff.

FLOOD RISK MANAGEMENT STUDIES

South Rockhampton Flood Risk Assessment

Meeting Date: 18 March 2025

Attachment No: 3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Client: Rockhampton Regional Council

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Professional Registration

This document includes professional services that require approval from a registered professional.

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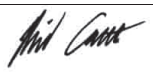
RPEQ	Civil	Richard Corbett		18139	09-Aug-2024

* The registered professional must be the originator of this work or have provided direct supervision to the originator.

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Table of Acronyms

Acronym	Definition
ABS	Australian Bureau of Statistics
AEP	Annual Exceedance Probability
AHD	Australian Height Datum
AHP	Analytic Hierarchy Process
AIDR	Australian Institute of Disaster Resilience
ARR87	Australian Rainfall and Runoff 1987
ARR19	Australian Rainfall and Runoff 2019
CC	Climate Change
CCIS	Climate Change Impact Statement
CPU	Central Processing Unit
DFE	Defined Flood Event
DFL	Defined Floor Level
DNRME	Department of Natural Resources, Mines and Energy
DS	Downstream
NSW DPE	New South Wales Department of Planning and Environment
FERCC	Flood Emergency Response Classification of Communities
FMS	Flood Management Studies
FRAPESA	Flood Risk Assessment, Planning Evaluation and Scheme Amendment
FRFRPS	Fitzroy River Floodplain and Road Planning Study
FRMS	Flood Risk Management Studies
GIS	Geographic Information System
GPU	Graphics Processing Unity
NRFMI	North Rockhampton Flood Management Investigations
PMF	Peak Maximum Flood
QRA	Queensland Reconstruction Authority
RRC	Rockhampton Regional Council
SA1	Statistical Area 1
SA2	Statistical Area 2
SCARM	Standing Committee on Agriculture and Resource Management
SRFL	South Rockhampton Flood Levee
TUFLOW	Two-dimensional Unsteady FLOW - Hydraulic software package
US	Upstream
XMDF	Extensible Model Data Format

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Executive Summary

Rockhampton Regional Council (RRC) engaged AECOM Australia Pty Ltd (AECOM) to undertake Flood Risk Management Studies (FRMS) for three local catchments - Frenchmans & Thozets Creeks, Moores Creek and South Rockhampton. The methodology adopted for this project was split across 3 phases as displayed in Figure E1.

Figure E1 Project Methodology

This report is specific to the ***South Rockhampton local catchment*** (refer Figure E2), focused on the ***Flood Risk Assessment*** component which forms Phase 2 of the study.

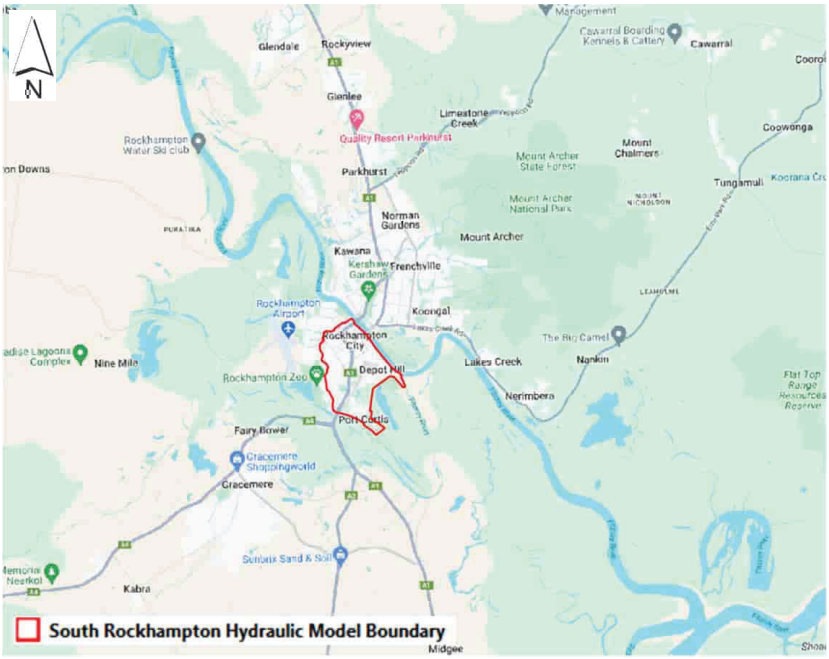

Figure E2 South Rockhampton Catchment Locality

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The purpose of this study is to develop and apply a Flood Risk Framework to local catchment flooding, that allows for the identification of areas of high flood risk for subsequent concept mitigation in the next project phase. A core requirement of this phase of the study is to establish a repeatable, quantifiable methodology for assessing and targeting areas of flood risk that can be applied to other catchments in the Rockhampton region.

Flood Risk Assessment Framework

A Flood Risk Assessment Framework was developed for use in this study based on industry best-practice guidance with refinement to suit the specific nuances of the RRC locality. The development process involved review of applicable literature and collaboration with RRC during a series of workshops from July 2023 through to November 2023.

The Flood Risk Assessment Framework shown below in Figure E3 defines flood risk as the interrelationship between the natural flooding processes and the social, environmental and economic composition of the locality.

The elements that make up the framework include Flood Hazard, Hydraulic Risk, Flood Function, Flood Range, Vulnerability (comprising Time to Inundate, Duration of Inundation, Isolation, Land Use, Built Form and Demographics) and Flood Risk.

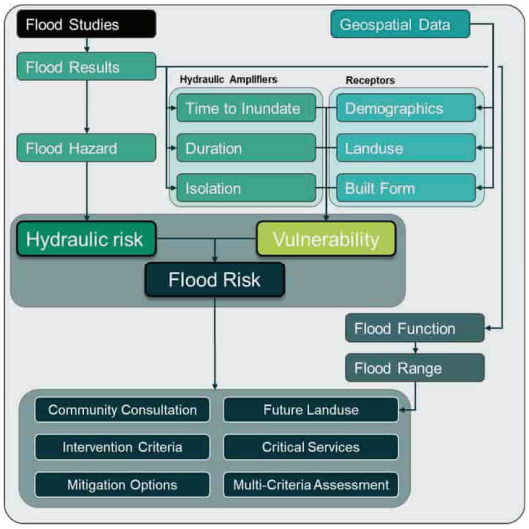

Figure E3 Flood Risk Assessment Framework

Each of these elements are summarised below and discussed in detail within the report.

Flood Hazard

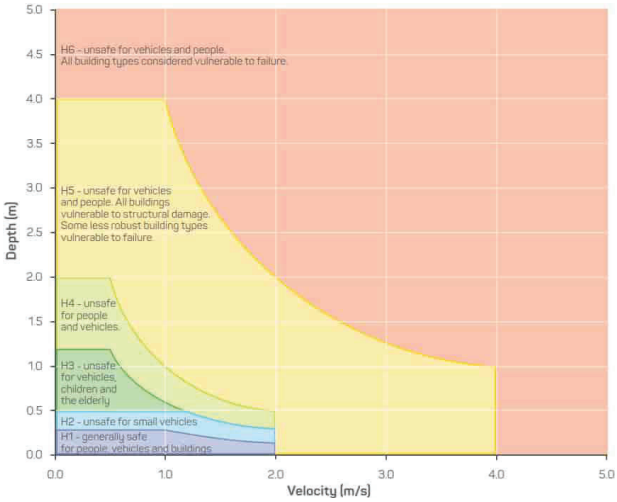

Figure E4 AIDR 7-3 and ARR19 Recommended General Combined Flood Hazard Curves (Smith et. Al., 2014)

Flood Hazard is defined by the Australian Institute of Disaster Resilience (AIDR) in *Guideline 7-3, Flood Hazard*.

In this guidance, Flood Hazard curves are used to define the general classification of flood waters with respect to depth and velocity in order to categorise the posed hazard.

Australian Rainfall and Runoff (ARR– A Guide to Flood Estimation (ARR19)) provides additional guidance on the defining of flood hazard curves, with the Combined Flood Hazard Curves (shown in Figure E4) recommended for use in general hazard classification of floodwaters.

Hydraulic Risk

Risk is usually described in terms of consequences with respect to their likelihoods of occurrence. Hydraulic risk has been quantified in this assessment using this definition of risk with respect solely to the hydraulic aspect of flooding. Consequence is represented using Flood Hazard and Likelihood is represented using the probability of the respective Flood Events (refer Figure E5)

Figure E5 Approach to Quantifying Risk

Hydraulic risk matrices are a flood-specific application of a standard risk management approach to defining risk with respect to the hydraulic components of flooding. The matrix outlines various combinations of likelihoods (AEP events) and consequences (flood hazard categories), then groups similar combinations into hydraulic risk categories. Through collaboration with RRC, the adopted hydraulic risk matrix was developed as shown in Table E1.

Table E1 Selected Hydraulic Risk Matrix

Likelihood (% AEP)	Flood hazard category					
	H1	H2	H3	H4	H5	H6
PMF						
0.05% AEP						
0.2% AEP						
0.5% AEP						
1% AEP						
2% AEP						
5% AEP						
10% AEP						
18% AEP						
39% AEP						
63% AEP						

Hydraulic Risk Category
- HR-5 - High
- HR-4 - Moderate-High
- HR-3 - Moderate
- HR-2 - Low
- HR-1 - Very low

Flood Function

Flood function is defined as a method of classifying the function of areas in floodplains based on the behaviour of floodwaters (refer Figure E6). The NSW Department of Planning and Environment (DPE) classify Flood Function in the *Flood Risk Management Toolkit, FB02 – Flood Function* (DPE, 2023) as:

- **Flood conveyance** areas are the sections of the floodplain that convey the bulk of the flood flow.
- **Flood storage** areas temporarily store water during a flood.
- **Flood Fringe** is generally the outer edge of the floodplain, with lower depths and velocities.

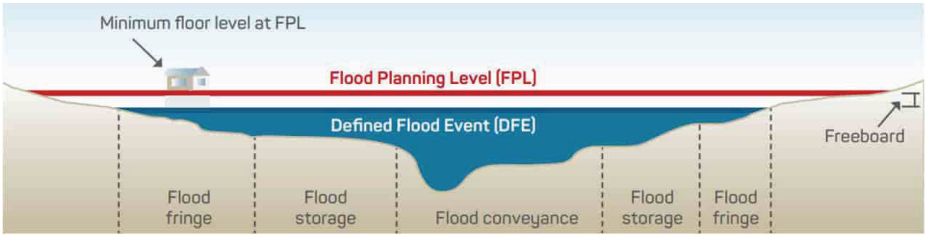

Figure E6 Floodplain Functions (AIDR Handbook 7, 2017)

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Testing was undertaken to select the flood function values adopted for this assessment, as shown in Table E2. The values were selected based on catchment topography, knowledge of historic local flooding behaviour and experience in defining values of flood function in other Queensland catchments.

Table E2 Adopted Indicator Values for Flood Function

Flood Function	Event	Indicator	Value
Flood Conveyance	1% AEP	Hazard	≥ H4
		Velocity	≥ 1m/s
Flood Storage		Depth	≥ 0.5m (and not Flood Conveyance)
Flood Fringe		Depth	< 0.5m (and not Flood Conveyance)

Flood Range

Flood Range considers how much flood behaviour can change with the scale of flood event relative to the Defined Flood Event (DFE), including extent, function, depth, velocity and hazard. Handbook 7-5 *Flood Information to Support Land-use Planning* (AIDR, 2017) provides guidance on classifying Flood Function across rarer flood events. In consultation with Council, the adopted indicator values for flood range are displayed in Table E3.

Table E3 Adopted Indicator Values for Flood Range

Flood Range	Event	Indicator	Value
Flood Conveyance	1% AEP	Hazard	≥ H4
		Velocity	≥ 1m/s
Rare Flood Conveyance	PMF	Hazard	≥ H6
Flood Storage	1% AEP	Depth	≥ 0.5m (and not a type of Flood Conveyance)
Flood Fringe		Depth	< 0.5m (and not a type of Flood Conveyance)
PMF Extent	PMF	Extent	PMF Extent

Residual Risk

A specific component of flood range that is important to consider is how flood depth varies for a range of flood likelihoods. In particular the difference between the selected 'defined floor level' (DFL), which helps to establish floor levels, and the maximum possible flood depth. Differences in these two values highlight how much residual risk exists above a proposed DFL and helps to inform appropriate selection of DFL's. An example of this is displayed in Figure E7.

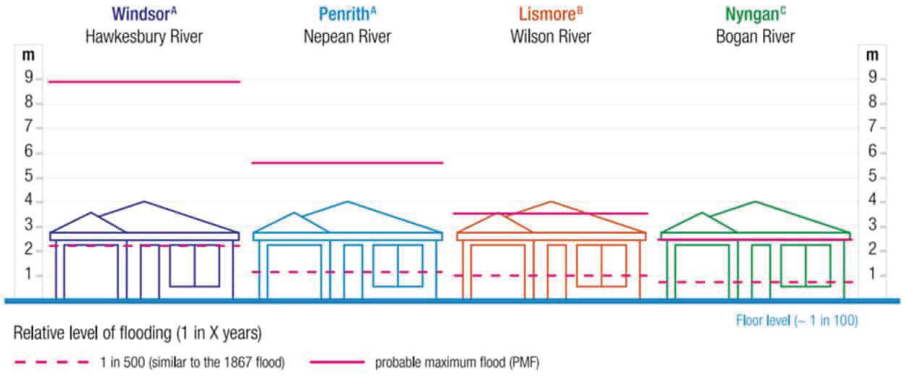

Figure E7 Example of a Comparison of Differences in Flood Levels and Residual Risk (INSW, 2017)

Vulnerability

Whilst all people are inherently vulnerable to the impacts of flooding, some people can be considered more so than others. Vulnerable populations may be impacted more severely and take longer to recover from impacts caused by flooding. Vulnerability relates to issues that affect life safety and is a key metric in considering flood risk.

Aspects of vulnerability considered in this study are displayed in Table E4 with weightings determined using an Analytic Hierarchy Process (AHP), which were developed in agreement with RRC. Each of the elements shown in Table E4 are discussed in further detail below.

Table E4 Vulnerability Criteria Weightings

Criteria	Resolution Level*	Weighting
Time to Inundate	Cell Level	20%
Duration of Inundation	Cell Level	8%
Isolation	Cell Level	14%
Land Use	Property	30%
Building Floor Type (Built Form)	Building	18%
Demographics	Suburb	10%

**Cell level refers to each grid cell within the flood model outputs.*

Time to Inundate

The time to inundate for areas of interest was calculated on the basis of modelling files for the DFE. Results were output at 15 minute intervals with cutoff depths of 75mm, and the extents of outputs were classified into the vulnerability scoring categories shown in Table E5.

Table E5 Time to Inundate Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Time to Inundate (Hrs)	Not flooded in DFE	>1.25 hrs	>1 hrs	>0.75 hrs	>0.5 hrs	<0.25 hrs

Duration of Inundation

The duration of flooding for areas of interest was calculated on the basis of modelling files for the DFE. Results were output at 30 minute increments and assigned a vulnerability score based on Table E6.

Table E6 Duration of Flooding Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Duration of Flooding (Hrs)	Not flooded in DFE	<0.5 hrs	0.5-1.5 hrs	1.5-2.5 hrs	2.5-3 hrs	>3 hrs

Isolation

The flood emergency response classification of communities (FERCCs) is essentially a representation of isolation risk. As shown in Figure E8, FERCCs describe the potential inundation and isolation of properties during rare and extreme flood events.

Areas identified as **High Islands** are locations not predicted to flood in events up to PMF, however can be isolated in events rare than the DFE and residents may be tempted to cross floodwaters in an attempt to evacuate. **Low Islands** are locations that are isolated (but not flooded) in the DFE, however are predicted to be inundated in rarer flood events. These locations of higher vulnerability should be of highest priority for action out of the isolation categories.

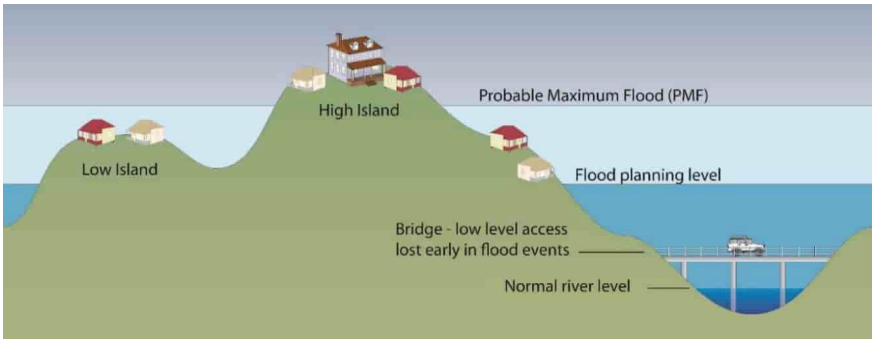

Figure E8 Low and High Flood Islands Schematic

Land Use

For development of regional vulnerability, RRC's land use GIS information was classified on a scale of 0-5 based on general importance and likely vulnerability to a disaster event. The categories assigned are displayed in Table E7.

Table E7 Land Use Classification

Criteria	Scoring					
	0	1	2	3	4	5
Building Built Form	No Data	Rural / non-developed	Open Space	Industry	Commercial	Residential and Critical Infrastructure

Building Floor Type (Built Form)

Survey information (where collected) of built form types has been recorded in RRC's geospatial database. Built form vulnerability criteria is defined in Table E8.

Table E8 Building Built Form Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Building Built Form	No Data	Highset	-	Lowset	-	Slab on Ground

Demographics

The Australian Bureau of Statistics (ABS) maintain census information of communities Australia-wide at a range of resolution levels. The purpose of using census information to measure vulnerability is to gauge how vulnerable a section of the community is in relation to the average population across the entire catchment area. This approach scales across the catchment area and identifies areas that are more vulnerable or less vulnerable on average. The various indices used to measure the Demographic Vulnerability are shown in Table E9.

Table E9 Census Demographics Indices

Demographic Indices	
Physical Vulnerability	
PV-1	% Population over 65 years old
PV-2	% Population under 5 years old
PV-3	% Population over 65 years old and living alone
PV-4	% Population that has assisted living
PV-5	% Population that have long-term health conditions
Socio-Economic Vulnerability	
SEV-1	% Population Unemployed
SEV-2	% Households <$650 / wk income
SEV-3	% Households that are Rentals
SEV-4	% Households that have Mortgages
SEV-5	% Population that are students
Mobility Vulnerability	
MV-1	% Households with no Vehicles
MV-2	% Households with 5+ persons
MV-3	% Households with Single Parent Families
Awareness Vulnerability	
AV-1	% Population with Little to No English of people born overseas
AV-2	% Population that were a different address <1 year ago

Given that the process of averaging pulls the values towards the centre of the 0 – 5 range it was decided with RRC to determine final census vulnerability through further category classification. This classification is displayed in Table E10.

Table E10 Demographic Vulnerability Classification

Criteria	Scoring					
	0	1	2	3	4	5
Average Demographic Score	No Data	0-1.5	1.5-1.9	1.9-2.1	2.1-2.5	>2.5

Vulnerability Criteria Scoring

A summary of the vulnerability criteria and the indices which inform them is shown in Table E11.

Table E11 Vulnerability Criteria Scorings

Criteria	Scoring					
	0	1	2	3	4	5
Time to Inundate	No Data	>1.25	>1	>0.75	>0.5	<0.25
Duration of Inundation		<0.5	0.5-1.5	1.5-2.5	2.5-3	>3
Isolation		PMF Extent	-	1% AEP Extent	-	Low Island
Land Use		Rural / non-developed	Open Space	Industry	Commercial	Residential
Building Floor Type		Highset	-	Lowset	-	Slab on Ground
Demographics		0-1.5	1.5-1.9	1.9-2.1	2.1-2.5	>2.5

Flood Risk

The combination of hydraulic risk and vulnerability receptor information has been used to identify the flood risk at a particular location. The purpose of this output is to determine where hydraulic risk has the highest potential to impact on vulnerable populations.
The equation and scoring values determined in the flood risk process is shown in Figure E9.

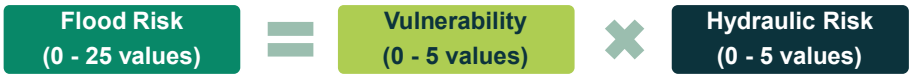

Figure E9 Flood Risk Relationship

Once multiplied together using the equation in Figure E9, flood risk is classified quantitatively using the values detailed in Table E12.

Table E12 Flood Risk Quantitative Classification

Key	Value	Risk Level
	≤ 5	Lower Risk
	≤9	
	≤13	
	≤17	
	≤25	Higher Risk

This classification of flood risk can also be represented as a matrix, as shown in Table E13.

Table E13 Flood Risk Classification Matrix

		Flood Risk				
		Vulnerability Score				
		1	2	3	4	5
Hydraulic risk	Very Low (1)	1	2	3	4	5
	Low (2)	2	4	6	8	10
	Moderate (3)	3	6	9	12	15
	Moderate-High (4)	4	8	12	16	20
	High (5)	5	10	15	20	25

Note: Zero value is used for any 'no data' values encountered during the assessment.

Flood Risk Assessment Results

Hydraulic Risk Analysis

The **hydraulic risk output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced hydraulic risk which is displayed in Figure E10 with detailed isolation mapping provided in Volume 2 of this report.

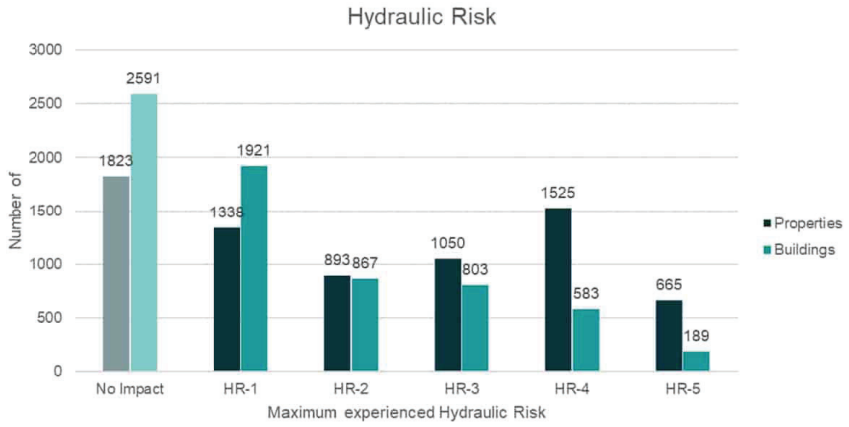

Figure E10 Hydraulic Risk of Building Footprints and Properties

Figure E10 shows there a general declining trend in number of buildings as hydraulic risk increases. For properties, the number of properties initially decreases, before starting to increase as the hydraulic risk increases.

Flood Range Analysis

The **flood range output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced flood range which is displayed in Figure E11 with detailed isolation mapping provided in Volume 2 of this report.

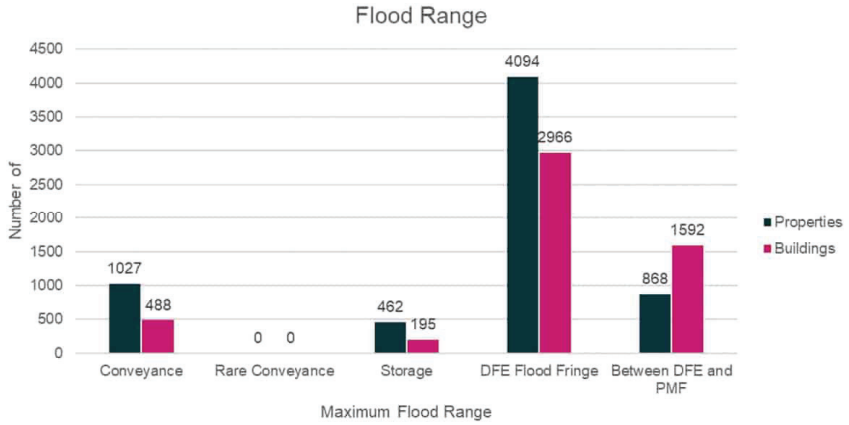

Figure E11 Flood Range of Building Footprints and Properties

It can be seen that 10% of the buildings within the PMF extent experience some form of conveyance, rare conveyance or storage. These categories of flood range are sensitive to filling, where significant impacts to flows or flood heights are likely from changes at these locations.

Time of Inundation Analysis

The **time to inundation output** was intersected with the RRC property zone and building footprint database to develop a breakdown of minimum experienced time to inundation which is displayed in Figure E12.

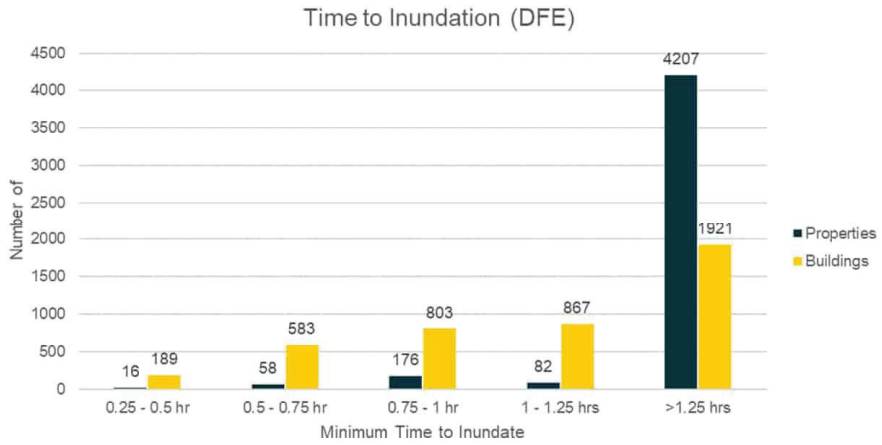

Figure E12 Time to Inundation of Properties and Buildings

It is identified that most of the catchment has more than 1.25hrs of warning from initial rainfall to first seeing surface water.

Duration of Inundation Analysis

The **duration of flooding output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced duration of flooding which is displayed in Figure E13.

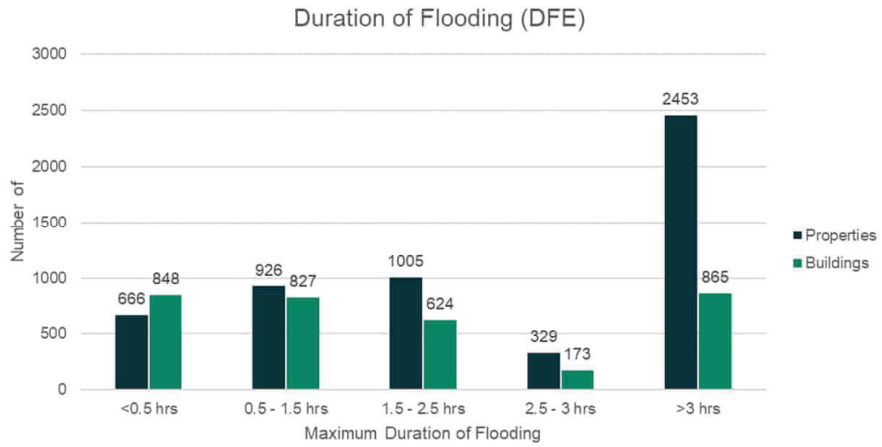

Figure E13 Duration of Flooding of Properties and Buildings

The trend of duration of flooding for impacted buildings is relatively flat for durations of flooding under 3 hours. The durations of flooding experienced in the catchment are overall fairly low, which is expected in a local catchment driven by flash flooding, however there is a noted portion of buildings that experience a sustained duration of flooding (greater than 3 hours).

Isolation Analysis

The **isolation output** was intersected with the RRC property zone and building footprint database to develop a breakdown of worst case category experienced at each property and building, which is displayed in Figure E14 with detailed isolation mapping provided in Volume 2 of this report.

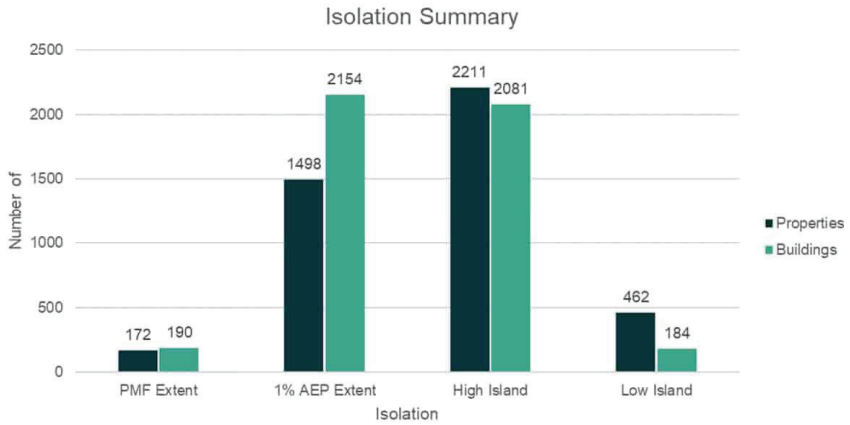

Figure E14 Flood Isolation of Building Footprints and Properties

Buildings and properties impacted by PMF or DFE flooding comprise 33% of the buildings in the catchment. Low islands are locations of higher vulnerability, however, comprise only 2% of the catchment. These areas should be of highest priority for action out of the isolation categories.

Vulnerability Analysis

The **vulnerability output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum vulnerability experienced, which is displayed in Figure E15 with detailed isolation mapping provided in Volume 2 of this report.

Figure E15 Maximum Vulnerability for Properties and Buildings Across Catchment

The majority of resident vulnerability (captured spatially at building footprints) sits at the median of the 0 – 5 range. However, it is noted that a much larger portion of buildings are considered to be vulnerable to the impacts of flooding (greater than 2.5) than not vulnerable.

Flood Risk Analysis

The **flood risk output** was intersected with the RRC property zone and building footprint database to develop a breakdown of maximum experienced flood risk which is displayed in Figure E16.

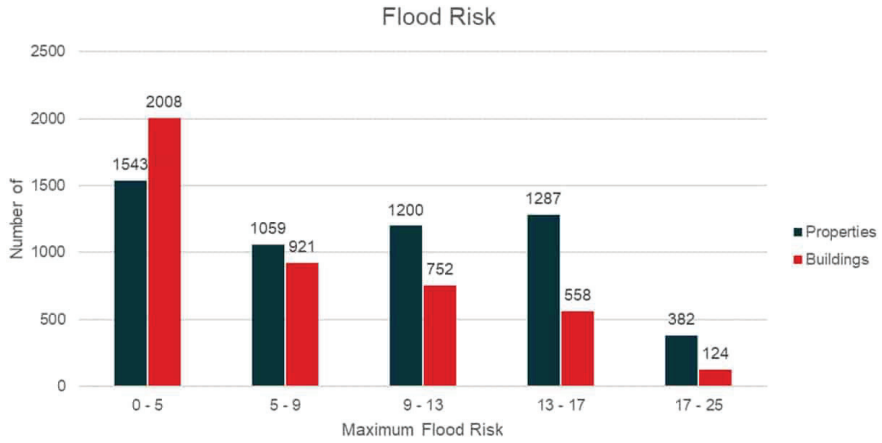

Figure E16 Maximum Experienced Flood Risk of Building Footprints and Properties

Across the catchment, there is a general decrease in number of properties and buildings when increasing in flood risk scoring. The trend of decrease is more significant with buildings, whilst the downward trend is much flatter in properties.

Recommendations and Next Steps

The following are the recommendations from this assessment:

- Adoption of the Flood Risk Framework for use in future projects for assessing flood risk in other catchments and following hydraulic model updates.
- Adoption of flood risk mapping, and mapping of flood risk inputs into council planning decisions:
  - Analysis and targeting of areas of high flood risk with structural and non-structural mitigations.
- Incorporating the flood risk outputs into flood risk management investigations:
  - Inclusion as a metric of assessing the performance of mitigation infrastructure in reducing flood risk.
- Sharing flood risk mapping with the community to engage residents in becoming aware of their flood risk, and to be used as an input to obtain community buy in into developing mitigation solutions.
- Conduct updates to flood modelling as detailed in the *Rockhampton Flood Risk Management Studies – Overall Review Report* (10-Nov-23), which includes but is not limited to:
  - Inclusion of latest LiDAR data
  - Updating the models from ARR87 to ARR19 hydrology.
  - Updates to topography in localised areas.
  - Filtering of results in addition to existing 75mm depth cutoff.

11.5 REGIONAL WASTE AND RESOURCE RECOVERY MANAGEMENT PLAN CENTRAL QUEENSLAND - IMPLEMENTATION PLAN

File No:	**1914**
Attachments:	**1. Implementation Plan⇩**
Authorising Officer:	**Evan Pardon - Chief Executive Officer**
Author:	**Michael O'Keeffe - Acting General Manager Regional Services**

SUMMARY

The purpose of this report is to provide Councillors with the Regional Waste & Resource Recovery Management Plan Central Queensland - Implementation Plan, and to seek endorsement of actions to be undertaken by Rockhampton Regional Council under the Implementation Plan in accordance with the Regional Governance Structure of the Central Queensland Region of Councils (CQROC).

OFFICER'S RECOMMENDATION

THAT Council endorse the actions to be undertaken by Rockhampton Regional Council under the Regional Waste and Resource Recovery Management Plan - Central Queensland Implementation Plan.

COMMENTARY

The Implementation Plan sets priority initiatives relevant to Central Queensland, taking into consideration the scale, locality and industry issues specific to the region. Each priority initiative outlines actions for individual Councils to undertake within prescribed timeframes. The Implementation Plan is a "living" document and will change throughout time dependent on availability of resources/funding, alignment with each Council's current Corporate Plans, and emerging industry issues. The actions specific to Rockhampton Regional Council are outlined within the attached Implementation Plan. In summary these actions include:

- **Bin Lid Harmonisation (Item # 7):** Update residual bin lid color to align with Australian Standard 4123.7-2006. Funding is currently available for this project through the State Governments' GROW FOGO Fund – Stream 3.

- **Kerbside Organics (Item # 8 & 9):** Develop a business case for kerbside organics collection service for Council approval. Once approved:
    - Procure organic waste collection service & processing solution.
    - Commence and operate kerbside organics collection service.
    - Commence education and behaviour change initiatives prior to and during the implementation of the kerbside organics collection service.

  Funding is currently available for this project through the State Governments' GROW FOGO Fund – Stream 1 and Stream 4. This funding opportunity lapses on 30th June 2027 unless exhausted earlier.

- **Landfill Options Assessment (Item # 27):** Undertake an options analysis for disposal of residual waste in preparation for the Lakes Creek Road Landfill end-of-life. The assessment will compare the following scenarios:

1. BAU (Lakes Creek Road Landfill - LCRL).

2. BAU (residual cost for LCRL) + development and operation of a new RRC landfill.

3. BAU (residual cost for LCRL) + disposal agreement with third party landfill.

4. BAU (residual cost for LCRL) + partnership agreement with another CQ local government to expand / develop a joint landfill.

- **Domestic Chemical Disposal Service Trial (Item # 31):** The trial will assess operational and financial aspects required for providing the service to the Rockhampton community on an ongoing basis. This information would be submitted to the State Government as a "proof of concept" in support of a fully funded state-wide implementation of a Domestic Chemical Disposal Service.

  Application has been made to the State Government to fund this trial.

There are two other actions specific to Regional Queensland, which Rockhampton Regional Council is advocating for inclusion in other ROC Implementation Plans and for these actions to be led by the State. In summary these actions include:

- **Funded Regional Commingled Recycling Infrastructure Plan (Item # 16):** Investigation into the current state of play of kerbside commingled recycling within Regional Qld, including an Options Assessment and a Funded Regional Commingled Recycling Infrastructure Plan based on the preferred option.

- **Funded Regional Alternative Waste Treatment Infrastructure Plan (Item # 29):** Investigation into viable Alternative Waste Treatment solutions, in consideration of scale and logistical challenges within Regional Qld, including an Options Assessment and a funded Regional ATW Infrastructure Plan based on the preferred option.

BACKGROUND

The Queensland Government (State) released its Waste Management and Resource Recovery Strategy in June 2019. Queensland's vision is to become a zero-waste society, where waste is avoided, reused and recycled to the greatest possible extent. Current waste reduction targets by 2050 are:

- Reduce generation of household waste by 25%.
- 90% of waste is recovered and does not go to landfill.
- 75% recycling rates across all waste types.

To enable a collaborative approach throughout regional Councils in Queensland, the State funded the development of Regional Waste and Resource Recovery Management Plans across the State.

The Regional Waste and Resource Recovery Management Plan - Central Queensland (the Plan) was developed and endorsed by the CQROC board in June 2023. The Plan identifies measures to be taken at a regional scale and for individual regional Councils to improve waste and resource recovery outcomes throughout Central Queensland region.

To facilitate and coordinate the execution the Plan, the State funded the engagement of a Project Manager to work collaboratively with Councils across the Central Queensland region and deliver the Plan. Subsequently, an Implementation Plan has now been developed which

outlines actions for individual Councils to commence within the first 3 years of the Plan. These actions must be endorsed by the respective Councils before being presented to the CQROC Board for endorsement of the Implementation Plan in its entirety. Submission of an endorsed Implementation Plan is a requirement of the State funding before 12 July 2025.

BUDGET IMPLICATIONS

Funding will be sought from the Queensland Government for the majority of projects. All projects that relate to Rockhampton Regional Council will be presented to and endorsed by Rockhampton Regional Council.

CORPORATE/OPERATIONAL PLAN

Operational Plan 2024-2025, code 4.2.1.3 – Commence implementation of the Central Queensland Regional Waste & Resource Recovery Management Plan (RWRRMP).

CONCLUSION

The Implementation Plan is critical to the execution of the Regional Waste and Resource Recovery Management Plan – Central Queensland. With the endorsement of Council and each Central Queensland Council, the Implementation Plan will be provided to the CQROC Board for final endorsement.

REGIONAL WASTE AND RESOURCE RECOVERY MANAGEMENT PLAN CENTRAL QUEENSLAND - IMPLEMENTATION PLAN

Implementatation Plan

Meeting Date: 18 March 2025

Attachment No: 1

CQROC Central Queensland Regional Organisation of Councils

Attachment A: Implementation Plan Actions								
Priority Initiative – General: Program management and regional collaboration **Waste Stream: Other**								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
1	Engage with member councils to review and prioritise RWMP initiatives	**Lead:** RWMP Coordinator EBC Coordinator. **Regional Partners:** All CQROC member councils **External Partners:** n/a.	100% member councils engaged 100% member councils endorse respective implementation plan project/s Stakeholder workshops delivered on time and within budget.	No additional resources	No additional program funding	**Target:** Multiple. BSC Waste Reduction & Recycling Plan 2022 – 2025 Central Highlands Regional Council Waste & Resource Recovery Plan 2023-2030 Gladstone Regional Council Waste Management & Resource Recovery Strategy 2019 Gladstone Region Waste Plan 2023 Livingstone Shire Council Waste Strategy 2021 Rockhampton Regional Council Resource Recovery Strategy 2023	01/09/2024 – 30/06/2027 On Track.	The Implementation plan projects were developed through initial priority setting with the Waste and Resource Recovery Working Group, which has met monthly since September 2024.

CQROC Central Queensland Regional Organisation of Councils

Priority Initiative – General: Data Management Waste Stream: Various								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
2.	Engage with member councils to review current data and work collaborative to develop pathways to improve data management Develop Pathway to Improve non-Council held data Develop pathway to improve material flow data and knowledge across region for recyclable material Collaborate to collect data on contamination within kerbside bins to improve education approach	**Lead:** RWMP Coordinator EBC Coordinator. **Regional Partners:** All CQROC member councils DETSI **External Partners:** n/a.	Establish baseline data and diversion rates (FY20/21) Calculate Yr on Yr diversion rates Identify non-council held data sources and seek approval from data manager to use Member Councils collaborate on kerbside bin contamination data	Specialist Consultant 0.3 Fte	Yes $40,000	**Target:** Multiple. BSC Waste Reduction & Recycling Plan 2022 – 2025 Central Highlands Regional Council Waste & Resource Recovery Plan 2023-2030 Gladstone Regional Council Waste Management & Resource Recovery Strategy 2019 Gladstone Region Waste Plan 2023 Livingstone Shire Council Waste Strategy 2021 Rockhampton Regional Council Resource Recovery Strategy 2023	01/09/2024 – 30/06/2027 On Track.	Consultant engagement required to work with the ROC in establishing the diversion calculations and framework for ongoing Local Government Data capture to set baseline diversion rate for the region.

CQROC Central Queensland Regional Organisation of Councils

Priority Initiative – Behaviour Change: Harmonisation of residual bin lids across all 5 Local Government Councils. Waste Stream: Other								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
3	Bin Harmonisation - Update residual bin lid colour to align with Australian Standard 4123.7-2006.	**Lead:** Banana Shire Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** n/a.	Funding approved. Bin harmonisation project completed.	Nil.	Yes. Purchase of replacement lids, pins. Estimated 5% of bins to be completely replaced. $42,000.	**Target:** Multiple. BSC Waste Reduction & Recycling Plan. Growing the Recovery of Organic Waste Via Food Organic Garden Organic (GROW FOGO) – Stream 3	01/07/2025 – 30/06/2026 Not started.	Formal quotes are still to be obtained.
4	Bin Harmonisation - Update residual bin lid colour to align with Australian Standard 4123.7-2006.	**Lead:** Central Highlands Regional Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners**: n/a.	Funding approved. Bin harmonisation project completed.	Nil.	Yes. Purchase of replacement lids, pins. Estimated 5% of bins to be completely replaced. $95,000	**Target:** Multiple. Growing the Recovery of Organic Waste Via Food Organic Garden Organic (GROW FOGO) – Stream 3	01/07/2025 – 30/06/2027 Not started.	Formal quotes are still to be obtained.

5	Bin Harmonisation - Update residual bin lid colour to align with Australian Standard 4123.7-2006.	**Lead:** Gladstone Regional Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners**: n/a.	Funding approved. Bin harmonisation project completed.	Nil.	Yes. Purchase of replacement lids, pins. Estimated 5% of bins to be completely replaced. $215,000.	**Target:** Multiple. Growing the Recovery of Organic Waste Via Food Organic Garden Organic (GROW FOGO) – Stream 3	01/07/2025 – 30/06/2027 Not started.	Formal quotes are still to be obtained.
6	Bin Harmonisation - Update residual bin lid colour to align with Australian Standard 4123.7-2006.	**Lead:** Livingstone Shire Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** n/a.	Funding approved. Bin harmonisation project completed.	Nil.	Yes. Purchase of replacement lids, pins. Estimated 5% of bins to be completely replaced. $130,000.	**Target:** Multiple. Growing the Recovery of Organic Waste Via Food Organic Garden Organic (GROW FOGO) – Stream 3	01/07/2025 – 30/06/2027 Not started.	Formal quotes are still to be obtained.
7	Bin Harmonisation - Update residual bin lid colour to align with Australian Standard 4123.7-2006.	**Lead:** Rockhampton Regional Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** n/a.	Funding approved. Bin harmonisation project completed.	Nil.	Yes. Purchase of replacement lids, pins for approx. 10,500 bins. Estimated 920 bins to be completely replaced. $303,000.	**Target:** Multiple. RRC Resource Recovery Strategy. Growing the Recovery of Organic Waste Via Food Organic Garden Organic (GROW FOGO) – Stream 3	01/07/2025 – 30/06/2027. On track.	Project Cost based on indicative price from supplier TBC with a formal quotation.

CQROC Central Queensland Regional Organisation of Councils

Priority Initiative – Organics: Consideration of Kerbside Organics Collection Service in the Gladstone Regional Council and Rockhampton Regional Council areas. Waste Stream: Organics								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
8	Develop business case for kerbside organics collection service for Council approval including market development. Procurement of organic waste collection & processing solution. Commence and operate kerbside organics collection service.	**Lead:** Rockhampton Regional Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** n/a.	Commencement of Garden Organics Kerbside Collection Service. Landfill Diversion.	4 – 9 FTE dependent on collection (inhouse or outsource).	Yes. Purchase of approx. 28,000 bins for the new service. $2.1M.	**Target:** Multiple. Qld Organics Action Plan 2022-2032. RRC Resource Recovery Strategy. GROW FOGO – Stream 1.	01/07/2023 – 30/06/2028. On track.	Nil.
9	Commence education and behaviour change initiatives prior to and during the implementation of the kerbside organics collection service.	**Lead:** Rockhampton Regional Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** n/a.	Community engagement through education.	Nil.	Yes. $280,000.	**Target:** Multiple. Qld Organics Action Plan 2022-2032. RRC Resource Recovery Strategy. GROW FOGO – Stream 4.	01/07/2026 – 01/06/2028. Not started.	Nil.

10	Feasibility study and/or business case development for options to process green organics by GRC. including end market analysis.	**Lead:** Gladstone Regional Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** n/a.	Final options analysis available for presentation to Council.	Specialist Consultant 0.4 FTE.	Yes. $50,000.	**Target:** Diversion from landfill. Qld Organics Action Plan 2022-2032. GRC Waste Strategy. RRC Resource Recovery Strategy.	01/04/2025 – 31/12/2025. Not started.	Nil.
11	Develop detailed business case for kerbside organics collection service for Council approval including market development. Procurement of organic waste collection & processing solution. Commence and operate kerbside organics collection service.	**Lead:** Gladstone Regional Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** n/a.	Commencement of Garden Organics Kerbside Collection Service. Landfill Diversion.	TBD.	Yes. Purchase of approx. 20,000 bins for the new service. $1,612,500.	**Target:** Multiple. Qld Organics Action Plan 2022-2032. GRC Waste Strategy. GROW FOGO – Stream 1.	01/07/2025 – 30/06/2027. On track.	Nil.
12	Commence education and behaviour change initiatives prior to and during the implementation of the kerbside organics collection service.	**Lead:** Gladstone Regional Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** n/a.	Community engagement through education.	Nil.	Yes. $200,000.	**Target:** Multiple. Qld Organics Action Plan 2022-2032. GRC Waste Strategy. GROW FOGO -Stream 4	01/07/2026 – 01/07/2028. Not started.	Nil

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Priority Initiative – Organics: Continuation of self-haul green waste receipt and processing Waste Stream: Organics								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
13	Feasibility study and/or business case development for options to process green organics by CHRC, including end market analysis. .	**Lead:** Central Highlands Regional Council **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** Commercial Organic Processors	Final options analysis available for presentation to Council Landfill Diversion.	0.4 FTE	Yes $40,000	**Target:** Multiple. Qld Organics Action Plan 2022-2032. Regional Waste & Resource Recovery Management Plan Central Queensland Qld Climate Adaptation Strategy 2017 – 2030 Qld Climate Resilient Councils Program	01/09/2025 – 30/06/2026. Not Started.	Aligns with Phase 1: Strategic Climate Risk Profiling and Phase 2: Detailed Climate Risk Planning. Needs to demonstrate: Reduction of landfill emissions through organic waste diversion. Market feasibility for compost products. Potential for circular economy benefits.

CQROC Central Queensland Regional Organisation of Councils

Priority Initiative – Organics: Roll Out at Home Composting Solutions. Waste Stream: Organics								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
14	Roll out of at-home composting solutions. Participate in Education and Behavior Change Initiative. Over a 3-year period: Year 1 - Caddies and compost bins purchased for residents who attend workshops throughout the Shire – maximum 500. Year 2 - Caddies and compost bins purchased for cafes, restaurants, businesses, and schools – maximum 250. Year 3 – Caddies, worm farms and composting worms purchased for residents who attend workshops throughout the Shire – maximum 500.	**Lead:** Banana Shire Council. **Regional Partners:** DETSI, RWMP Coordinator & EBC Coordinator. **External Partners:** n/a.	Quantitative: Annual landfill tonnage reduction over 3 years.	Nil.	Yes. $320,000.	**Target:** Diversion from landfill. Qld Organics Action Plan 2022-2032. BSC Waste Reduction & Recycling Plan. Regional Waste & Resource Recovery Management Plan Central Queensland.	01/07/2025 – 30/06/2028. Not started.	Viable FO diversion at source that will not require an additional kerbside bin or FO processing inputs.

CQROC Central Queensland Regional Organisation of Councils

Priority Initiative – Resource Recovery: Collaborate on regional kerbside recycling processing solutions to establish new resource recovery processing facilities within regional Queensland. Waste Stream: Recyclables								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
15	Continue to monitor the recycling industry and hold industry discussions to understand if there is a viable local CQ option for processing recyclables, to minimise bulk transport requirements and to minimise costs to our community.	**Lead:** RWMP Coordinator **Regional Partners:** All CQ Council's. **External Partners:** Commercial Recycling Companies Specialist Consultants	Opportunities considered and a decision is made in relation to the current contracts.	Nil.	No.	**Target:** Improved recycling rates. Regional Waste & Resource Recovery Management Plan Central Queensland. RRC Resource Recovery Strategy. GRC Waste Management & Resource Recovery Strategy.	01/06/2024 – 30/06/2027. On track.	Nil.
16	Investigation into the current state of play of kerbside commingled recycling within Regional Qld, including an Options Assessment and a Funded Regional Commingled Recycling Infrastructure Plan based on the preferred Option.	**Lead:** DETSI (covering Regional Qld) **Regional Partners:** n/a. **External Partners:** R7 Councils.	A completed Regional Commingled Recycling Infrastructure Plan with planned funding to deliver	Specialist Consultant	Yes. $TBD.	**Target:** Improved recycling rates. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	0101/2025 – 30/06/2025. Not started.	LGAQ Motion, Resolution No. 46.

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Priority Initiative – Resource Recovery: Waste & Recycling Enterprise Precincts. Waste Stream: Other								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
17	Investigate opportunity to establish Waste Recycling Enterprise Precinct/s Collaborate and refine need for establishment of regional scale precinct and ancillary satellite sites in accordance with precinct guidelines.	**Lead:** Gladstone Regional Council. **Regional Partners:** Banana Shire Council Rockhampton Regional Council **External Partners:** DETSI & DSDIP.	Provide an options assessment report to inform council and stakeholders on precinct establishment decisions	Specialist Consultant. 1 FTE.	Yes. $150,000.	**Target:** Improved recycling rates. Regional Waste & Resource Recovery Management Plan Central Queensland. GRC Waste Management & Resource Recovery Strategy. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/07/2025 – 30/06/2027. Not started.	Nil

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Priority Initiative – Resource Recovery: Construct and commission upgrades or new transfer facilities. Waste Stream: Other								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
18	Infrastructure Upgrade - Improved Resource Recovery Area and processes at Biloela Transfer Station	**Lead:** Banana Shire Council. **Regional Partners**: n/a. **External Partners:** n/a.	Delivery of the final report, tabled at a BSC council meeting.	Specialist Design Consultant. 0.5 FTE	Yes. $50,000	**Target: Diversion from** landfill. Regional Waste & Resource Recovery Management Plan Central Queensland. BSC Waste Reduction & Recycling Plan 2022 – 2025 QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/07/2025 – 30/06/2026. Not started.	
19	Infrastructure Upgrade - Improved C&I and C&D Resource Recovery Area and processes at Benaraby Landfill.	**Lead:** Gladstone Regional Council. **Regional Partners**: n/a. **External Partners:** n/a.	Completed construction of upgrade infrastructure.	Specialist Design Consultant. 0.5 FTE	Yes. $1M.	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan Central Queensland. GRC Waste Management & Resource Recovery Strategy. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/07/2025 – 30/06/2027. Not started.	Captured in GRC Capital Project Plan. With available state funding support.

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20	Infrastructure Upgrade - Improved domestic waste receival area at Benaraby Landfill.	**Lead:** Gladstone Regional Council. **Regional Partners:** n/a. **External Partners:** n/a.	Completed construction of upgrade infrastructure.	Specialist Design Consultant. 0.5 FTE	Yes. $2M.	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan Central Queensland. GRC Waste Management & Resource Recovery Strategy. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/07/2026 – 30/06/2029. Not started.	Captured in GRC Capital Project Plan. With available state funding support.
21	Infrastructure Upgrade - Construction of “Fit for Purpose" education space at Benaraby Landfill.	**Lead:** Gladstone Regional Council. **Regional Partners:** n/a. **External Partners:** n/a.	Completed construction of upgrade infrastructure.	Specialist Design Consultant. 0.3 FTE	Yes. $500,000.	**Target:** Multiple targets. Regional Waste & Resource Recovery Management Plan Central Queensland. GRC Waste Management & Resource Recovery Strategy. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/07/2026 – 30/06/2029. Not started.	Captured in GRC Capital Project Plan. With available state funding support.

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22	Infrastructure Upgrade – Gladstone Transfer Station - Improved Resource Recovery and Diversion Infrastructure.	**Lead:** Gladstone Regional Council. **Regional Partners:** n/a. **External Partners:** n/a.	Completed construction of upgrade infrastructure.	Specialist Design Consultant. 0.5 FTE	Yes. $2M.	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan Central Queensland. GRC Waste Management & Resource Recovery Strategy. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/07/2026 – 30/06/2029. Not started.	Captured in GRC Capital Project Plan. With available state funding support.
25	Redesign and improve the Emerald Resource Recovery Centre to enhance recovery efficiency, safety, and service delivery.	**Lead:** Central Highlands Regional Council **Regional Partners:** n/a. **CQROC member councils** **RWMP Coordinator** **Local Community Organisations/Charities** **External Partners:** Consultants DETSI Commercial Operators Product Stewardship Scheme operator/s	Completion of construction and operational readiness of the Emerald Centre.	Yes. 1.5 FTE	Yes. $500,000.	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan Central Queensland. CHRC Waste & Resource Recovery Plan. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/07/2025 – 30/06/2027. Not started.	Focus on safety and operational efficiency.

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Priority Initiative – Resource Recovery: Develop business case and/or designs for new or improved transfer facilities. Waste Stream: Other								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
23	Assess and enhance rural and remote resource recovery centres within CHRC to improve service delivery and operational efficiency.	**Lead:** Central Highlands Regional Council. **Regional Partners:** CQROC member councils RWMP Coordinator Local Community Organisations/Charities **External Partners:** Commercial Operators Consultants DETSI	Completion of review and implementation of key improvements.	Specialist Consultant 1.5 FTE	Yes. $150,000.	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan Central Queensland. CHRC Waste & Resource Recovery Plan. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/07/2025 – 30/06/2026. Not started.	Focus on functionality & layout enhancements.
24	Evaluate the operational and financial feasibility of the Lochlees Resource Recovery Area (RRA). to determine improvements or relocation needs	**Lead:** Central Highlands Regional Council. **Regional Partners:** CQROC member councils RWMP Coordinator **External Partners:** Commercial Operators Specialist Consultants DETSI.	Completion of RRA assessment and implementation plan.	Specialist Consultant 1.5 FTE	Yes. $250,000.	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan Central Queensland. CHRC Waste & Resource Recovery Plan. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/03/2025 – 31/07/2026. Not started.	Includes financial impact analysis.

CQROC Central Queensland Regional Organisation of Councils

Item #	Action	Lead & Partners	Success Indicator	Additional Human Resources	Qld Gov Funding Request & Amount	Alignment to Waste Strategy Targets, other Strategies, Plans & Policies	Start - End Dates & Status	Comments
Priority Initiative – Landfill airspace and long-term residual waste management assessment. **Waste Stream: Residual Waste**								
26	Central Highlands will develop a strategic framework for managing residual waste and landfill capacity to ensure long-term sustainability within Central Highlands Regional Council Area.	**Lead:** Central Highlands Regional Council. **Regional Partners:** CQROC member councils RWMP Coordinator Local Community Organisations **External Partners:** Commercial Operators Consultants DETS Product Stewardship scheme Operators	Comprehensive landfill life expectancy assessments. Identify viable long-term residual waste management solutions. Assess landfill expansion needs and alternative disposal methods. Engage stakeholders and develop an actionable implementation strategy.	Specialist Consultant 0.5 FTE	Yes $50,000 Future funding required for Infrastructure Upgrades	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan Central Queensland. CHRC Waste & Resource Recovery Plan. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019.	01/03/2025 – 30/06/2026. Not started	
27	Landfill Options Assessment comparing the following scenarios: 1. BAU (Lakes Creek Road Landfill - LCRL). 2. BAU (residual cost for LCRL) + Development and operation of a new RRC landfill. 3. BAU (residual cost for LCRL) + Disposal	**Lead:** Rockhampton Regional Council. **Regional Partners:** n/a. **External Partners:** n/a.	Final Options Analysis available for presentation to Council.	Specialist Consultant. 0.5 FTE.	No.	**Target:** Not aligned. Regional Waste & Resource Recovery Management Plan CQ. RRC Resource Recovery Strategy.	01/03/2025 - 01/12/2025. Not started.	Nil.

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	agreement with third party landfill. 4. BAU (residual cost for LCRL) + Partnership agreement with another CQ LG to expand / develop a joint landfill.							
28	Continue to investigate the option of manufacturing PEF for use at the Cement Australia, Gladstone Kiln as an alternative fuel.	**Lead:** RWMP Coordinator. **Regional Partners:** Rockhampton Regional Council. Gladstone Regional Council **External Partners:** Commercial Recycling Companies Specialist Consultants.	Agreement in place for PEF to Cement Australia.	Nil	Yes. Capital Funding. $TBD.	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan CQ. RRC Resource Recovery Strategy. Qld Energy from Waste Policy. GRC Waste Management & Resource Recovery Strategy.	01/07/2024 – 01/06/2027. On track.	Nil.

CQROC Central Queensland Regional Organisation of Councils

Priority Initiative – Landfill airspace and long-term residual waste management assessment. Waste Stream: Residual Waste								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
29	Investigation into viable Alternative Waste Treatment solutions, in consideration of scale and logistical challenges within Regional Qld, including an Options Assessment and a funded Regional ATW Infrastructure Plan based on the preferred option.	**Lead:** DETSI (covering Regional Qld) **Regional Partners:** CQROC member councils. **External Partners:** R7 Councils.	A completed Regional AWT Infrastructure Plan with planned funding to deliver	Specialist Consultant.	Yes. $TBD.	**Target:** Diversion from landfill. QLD Waste & Resource Recovery Infrastructure Report 2019. Qld Waste Management & Resource Recovery Strategy 2019. Qld Energy from Waste Policy.	01/03/2025 – 01/12/2025. Not started.	Nil.

CQROC Central Queensland Regional Organisation of Councils

Item #	Action	Lead & Partners	Success Indicator	Additional Human Resources	Qld Gov Funding Request & Amount	Alignment to Waste Strategy Targets, other Strategies, Plans & Policies	Start - End Dates & Status	Comments
Priority Initiative – Work with Queensland Government agencies to improve uptake of recycled materials in procurement. **Waste Stream: Residual Waste**								
30	Participation in a Regional Research Trial focused on local solutions for recyclate material reuse.	**Lead:** RWMP Coordinator. **Regional Partners:** TMR. **External Partners:** UNSW Smart Centre.	Trial outcomes report available for presentation to DETSI.	Nil.	Yes. $TBD.	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan CQ. National Environmental Science Program - Impact Priority 2 - Plastic and Waste Materials. Qld Waste Management & Resource Recovery Strategy 2019.	01/07/2025 – 30/06/2027. Not started.	Potential for multiple Council's to participate in regional trials. The first would be to assess local benefits and impacts from using recycled aggregates in road re-sheeting /resealing works. The second is to trial the manufacture of recycled aggregates through the micro factory concept and assess the environmental impacts from the reuse of these aggregates in partnership with UNSW.

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Priority Initiative – Develop long-term approach to managing problem and emerging wastes. Waste Stream: Residual Waste								
Item #	**Action**	**Lead & Partners**	**Success Indicator**	**Additional Human Resources**	**Qld Gov Funding Request & Amount**	**Alignment to Waste Strategy Targets, other Strategies, Plans & Policies**	**Start - End Dates & Status**	**Comments**
31	Domestic Chemical Disposal Service Trial across Rockhampton Regional Council and Gladstone Regional Council regions.	**Lead:** Rockhampton Regional Council. **Regional Partners**: Gladstone Regional Council, Cleanaway or Veolia (special chemical disposal company). **External Partners:** DETSI.	Trial Report completed and submitted to DETSI.	Nil.	Yes. $150,000.	**Target:** Diversion from landfill. Regional Waste & Resource Recovery Management Plan CQ.	01/03/2025 – 01/03/2026. Not started.	RRC Funding Submission submitted to DETSI in March 2024. Proposed Regional Trial to potentially include Gladstone Regional Council.
32	Ongoing advocacy for more available and equitable distribution of product stewardship & take back schemes into regional and remote areas of Qld. Increased resource recovery, reduce illegal dumping and environmental impacts and reduce the financial burden to local government.	**Lead:** RWMP Coordinator. **Regional Partners:** CQROC member councils **External Partners:** DETSI LGAQ WMRR Qld Regional Organisation of Councils (or equivalent bodies)	Announcement of expanded product stewardship scheme/s into regional/remote Qld. Announcement of Take back schemes operating into Regional/Remote Qld	Nil.	No	Target: Diversion from landfill. The Qld Plan - Qld's 30-year Vision 2014 National Waste Policy 2018 Qld Waste Management & Resource Recovery Strategy 2019 Respecting Country - First Nations Community Waste Strategy 2021 Draft Qld E-Waste Action Plan 2023 - 2033 National Waste Policy Action Plan 2024	01/09/2024 – 30/06/2027. On track.	Continued and ongoing advocacy for enhanced and expanded product stewardship and take back schemes to be provided across regional and remote Qld, to reduce the burden on local government in dealing with problematic waste

11.6 QUARTERLY MINOR PROJECT STATUS REPORT FOR CORPORATE AND REGIONAL SERVICES - OCTOBER TO DECEMBER 2024

File No: 8148

Attachments: 1. Quarterly Minor Projects Report for Corporate & Regional Services - October to December 2024⇩

Authorising Officer: Ross Cheesman - Deputy Chief Executive Officer

Author: Marnie Taylor - Chief Financial Officer

SUMMARY

The Quarterly Minor Project Status Report for Corporate and Regional Services Departments for the period October to December 2024.

OFFICER'S RECOMMENDATION

THAT the Quarterly Minor Project Status Report for Corporate and Regional Services be received.

COMMENTARY

In addition to the reporting on Major and Significant Projects to the Project Reference Group, the Capital Project Framework Policy requires the quarterly reporting of all minor projects in Council's 2024/2025 Capital Budget.

The attached report is the quarterly report to the Infrastructure Committee for minor projects within Office of the CEO, Advance Rockhampton, Corporate Services and Regional Services for the period 1 October 2024 to 31 December 2024.

Commentary is provided against most projects, however Managers will speak to the report if required. Please note that the areas with red font are either part of a budget for program works, which will be adjusted as required, or do not have a 2024/2025 budget allocated, which will need reallocation from other projects in a budget review.

QUARTERLY MINOR PROJECT STATUS REPORT FOR CORPORATE AND REGIONAL SERVICES - OCTOBER TO DECEMBER 2024

Quarterly Minor Projects Report for Corporate & Regional Services - October to December 2024

Meeting Date: 18 March 2025

Attachment No: 1

Capital Project Report - Whole of Council - QTR 2

Completion % vs Budget 50%

Project Number	Project Description	Current Approved Budget	Current Year Actuals	Commitals	Actuals + Commitals	Remaining Budget	Budget 24/25 - Current Submission	Future Budget Submissions 25/26 Onwards	Quarter 2 Submissions: Project Manager	Estimated / Actual Commencement Month	Estimated Completion Month/ Quarter	Quarter 2 Comments	Quarter 3 Comments
Infrastructure Projects													
Chief Executive Officer													
1158135	[R] Visual and Streaming Equipment for Council Chambers	21,773	-	-	-	21,773	21,773	-				Completed	
Subtotal - Chief Executive Officer		**21,773**	**-**	**-**	**-**	**21,773**	**21,773**	**-**					
Economic Development													
1056857	Regional Signage	146,410	-	-	-	146,410	146,410	1,000,000	Zac Garven	Not commenced		Not commenced	
1158292	[N] Rocky Nats Event	8,100	8,100	-	8,100	-	8,100	-					
Subtotal - Economic Development		**154,510**	**8,100**	**-**	**8,100**	**146,410**	**154,510**	**1,000,000**					
Airport													
1159021	[R] RPT Bay 3	242,000	-	-	-	242,000	242,000	-	Ben Bexley	NA	Q4	Pushing bay 3 works out and using money to wards the perimeter road.	
1160517	[N] Purchase land opposite Long Term car park	1,000,000	1,000,000	-	1,000,000		1,000,000	-	Marcus Vycke	Aug-24	Sep-24	Purchase of land finalised and new lease agreement in place, showing good retrurns based on purchase price.	
1160518	[N] Key safe	65,000	-	-	-	65,000	65,000	-	Ben Bexley / Matt Hickson	Q2	Q4	Quotes for smaller option, this Budget will not be fully used.	
0959142	[U] Ongoing extension of all weather trafficable perimeter road	75,000	-	-	-	75,000	75,000	500,000	Bexley / Jerry Lynch / Dan W	NA	Q4	working with RRC works department on timeframes for works to start.	
1159717	[R] HV Upgrades - Stage 1 to 3	1,437,957	1,112,476	263,136	1,375,612	62,345	1,437,957	-	Ben Bexley / Jerry Lynch	Mar-24	Jun-25	Works are on time to finish as per schedule. Had a scope change to the Ring Main Switch to handle the solar installation	
0987685	[R] Renewal of aviation security infrastructure	220,941	8,328	8,777	17,105	203,836	220,941	50,000	Ben Bexley	Jan-24	Jun-25	Work to get quotes on black spots within the system	
0989185	[R] Car Park Refurbishment - Street Lighting	87,002	3,321	36,961	40,282	46,720	87,002	150,000	Ben Bexley / Gavin Brown	NA	Q4	Tender has be finalised and works will start within the next month	
1148836	[N] Rockhampton Airport Eddie Hudson Memorabilia Refurbishment	10,000	-	-	-	10,000	10,000	-	Marcus Vycke	Oct-24	Nov-24	Still chasing files from the Australian War Museum.	
1160040	[R] Terminal Refurbishment	100,000	-	-	-	100,000	100,000	200,000	Ben Bexley	NA	Q4	Waiting to see if DAF require refurbishment of the Boarder Force Offices.	
1160041	[R] Aviation Dr resurface	275,000	-	-	-	275,000	275,000	-	Jerry Lynch / Dan Winter	NA	Q4	Not proceeding as the budget is being moved to the perimeter road.	
1160043	[N] Airport Master Plan	150,000	-	-	-	150,000	150,000	-	Marcus Vycke	NA	Q4	Flood model finished and progressing to finalising the overall plan	
1160048	[U] Rhinophalt TWY J	495,000	-	-	-	495,000	495,000	-	Ben Bexley	Oct-24	Q4	As a result of the pavement consultant's work this is not proceeding and the budget will move to next year.	
1160412	[R] Fire panel, EWIS Fire Hydrants & Fire Sprinklers Renewal	97,964	63,261	2,675	65,936	32,028	97,964	-	Jerry Lynch	May-24	Dec-24	Completed	
1047109	[R] Replace existing storage-workshop-office-lunchroom Rose	196,550	-	-	-	196,550	196,550	-	Marcus Vycke / Ben Bexley	Jun-25	Jun-25	Still working through this as the building requires a bit of work.	
1160059	[U] Baggage system upgrade	434,000	340,300	455	340,755	93,245	434,000	-	Ben Bexley	Jan-23	Oct-24	Completed	
1160045	[N] Crack sealing unit		293		293	(293)							
Subtotal - Airport		**4,886,414**	**2,527,979**	**312,004**	**2,839,983**	**2,046,431**	**4,886,414**	**900,000**					
Corporate & Technology Services													
1160102	2000396 [R] 23/24 Truck Waste Side Loader	35,000	-	-	-	35,000	35,000	-	Michael Borg	Nov-23	Nov-24	Vehicle Delivered	N/A
1160103	2000397 [R] 23/24 Truck Waste Side Loader	35,000	-	-	-	35,000	35,000	-	Michael Borg	Nov-23	Nov-24	Vehicle Delivered	N/A
1160104	2000398 [R] 23/24 Truck Waste Side Loader	35,000	-	-	-	35,000	35,000	-	Michael Borg	Nov-23	Nov-24	Vehicle Delivered	N/A
1160105	2000399 [R] 23/24 Truck Waste Side Loader	35,000	-	-	-	35,000	35,000	-	Michael Borg	Nov-23	Nov-24	Vehicle Delivered	N/A
1160474	[N] 23/24 - P0420 Skidsteer Track Loader	150,000	-	-	-	150,000	150,000	-	Michael Borg	Nov-22	Jul-25	Asset on order	Asset Delivery
1160487	FLT - [N] - Parks BC Plant	445,582	-	-	-	445,582	445,582	-	Michael Borg	Jan-24	Jul-25	Plant & Vehicles On Order, 1 asset specification still to be confirmed.	Ongoing delivery process
1160106	2000400 [R] 23/24 Truck Waste Side Loader	35,000	-	-	-	35,000	35,000	-	Michael Borg	Nov-23	Jul-25	Vehicle Delivered	N/A
1160107	2000401 [R] 23/24 Truck Waste Side Loader	35,000	-	-	-	35,000	35,000	-	Michael Borg	Nov-23	Nov-24	Vehicle Delivered	N/A
1160108	2000402 [R] 23/24 Truck Waste Side Loader	35,000	-	-	-	35,000	35,000	-	Michael Borg	Nov-23	Nov-24	Vehicle Delivered	N/A
1160488	FLT - 2000643 - [N] 23/24 Mower 72" Zero turn	53,200	-	-	-	53,200	53,200	-	Michael Borg	Jan-24	Jul-25	Asset on order	Asset Delivery
0943050	Fleet Renewal Program - carryover budget	3,157,093	-	-	-	3,157,093	3,157,093	-	Michael Borg	Nov-22	Jun-25	Plant & Vehicles On Order	Ongoing delivery process
1160528	FLT - 2000644 - [R] 23/24 - Stessl 4.5 Boat	38,955	-	-	-	38,955	38,955	-	Michael Borg	Sep-24	Nov-24	Vessel Delivered	N/A
1160529	FLT - 2000645 - [R] 23/24 - Tri Dunbier with Stessl Boat	4,395	-	-	-	4,395	4,395	-	Michael Borg	Sep-24	Nov-24	Vessel Delivered	N/A
1160178	FLT - 2000466 - [N] 22/23 Mobile Thermal Camera Trailer	58,000	-	-	-	58,000	58,000	-	Michael Borg	Jul-23	Apr-24	Trailer Delivered	N/A

								Quarter 2 Submissions					
Project Number	Project Description	Current Approved Budget	Current Year Actuals	Commitals	Actuals + Commitals	Remaining Budget	Budget 24/25 - Current Submission	Future Budget Submissions 25/26 Onwards	Project Manager	Estimated / Actual Commencement Month	Estimated Completion Month/ Quarter	Quarter 2 Comments	Quarter 3 Comments
1160254	1160254 - FLT 2000519 XL Body 2WD to 4WD FRW Contribution	33,000	-	-	-	33,000	33,000	-	Michael Borg	Mar-24	Nov-24	Vehicle Delivered	N/A
1160272	1160272 - FLT 2000526 2WD to 4WD FRW Contribution	7,000	-	-	-	7,000	7,000	-	Michael Borg	Mar-24	Nov-24	Vehicle Delivered	N/A
1160276	1160276 - FLT 2000529 2WD to 4WD FRW Contribution	7,000	-	-	-	7,000	7,000	-	Michael Borg	Mar-24	Nov-24	Vehicle Delivered	N/A
1159760	[N] Insulated Bucket Truck	150,000	-	-	-	150,000	150,000	-	Michael Borg	Jan-22		On hold pending CAF seeking additional funds for increase in scope	On hold pending CAF seeking additional funds for increase in scope
1160603	Trailer for GR20 Lift POD CAF	7,932	-	-	-	7,932	7,932	-	Michael Borg	Jul-24	Nov-24	Trailer Delivered	N/A
1160654	FLT - 2000688 - [N] 24/25 - TRLR Hydroseeder	75,000	75,000	-	75,000	-	75,000	-	Michael Borg	Oct-24	Nov-24	Trailer Delivered	N/A
1160682	Electrician replacement vehicle 1	25,000	-	-	-	25,000	25,000	-	Michael Borg	Dec-24	Jul-25	Vehicle On Order	Vehicle Delivery
1160683	Electrician replacement Vehicle 2	25,000	-	-	-	25,000	25,000	-	Michael Borg	Dec-24	Jul-25	Vehicle On Order	Vehicle Delivery
1160684	electrician replacement vehicle 3	25,000	-	-	-	25,000	25,000	-	Michael Borg	Dec-24	Jul-25	Vehicle On Order	Vehicle Delivery
1160433	W&G Safety unit vehicle	21,000	-	-	-	21,000	21,000	-	Michael Borg	Jul-24	Oct-24	Vehicle Delivered	N/A
1160438	FLT - 2000611 - [R] 23/24 - Ranger 4x4 Scab	62,000	-	-	-	62,000	62,000	-	Michael Borg	Mar-24	Jul-25	Vehicle On Order	Vehicle Delivery
1160439	FLT - 2000612 - [R] 23/24 - Ranger 4x4 Scab	60,000	-	-	-	60,000	60,000	-	Michael Borg	Mar-24	Jul-25	Vehicle On Order	Vehicle Delivery
1160440	FLT - 2000613 - [R] 23/24 - Multiple Ranger 4x4 Scab	225,000	-	-	-	225,000	225,000	-	Michael Borg	Mar-24	Jul-25	Vehicles On Order	Vehicles Delivery
0983816	[R] Fleet Renewal Program - RRRC	6,343,000	5,329,592	3,734,674	9,064,266	(2,721,266)	6,343,000	57,735,000	Michael Borg	Jul-24	Jun-25	Procurement process commenced. Note: All renewal costs (including carryover) are costed to this job number which is why is appears to be overcommitted.	Procurement process ongoing
Subtotal - Fleet		**6,690,000**	**5,329,592**	**3,734,674**	**9,064,266**	**2,078,891**	**6,690,000**	**57,735,000**					
1064913	[R] ITR - Radio Link Renewal Program	150,000	-	13,560	13,560	136,440	150,000	1,120,000	Brendan Hooper	Feb-25	Jun-25	Scoping commenced.	Scope being developed to obtain quotes
1064915	[R] Firewall Replacements	130,000	-	-	-	130,000	130,000	64,000	Brendan Hooper	Sep-24	Jun-25	Research commenced	Evaluation of options continuing. Purchasing may push out to Q4 due to other projects.
1160525	Acquisition of Land	345,000	-	-	-	345,000	345,000	-	Kellie Roberts			Project not yet commenced, waiting on instruction from the business.	Pending instruction from the business
1149013	[R] Fibre Network Upgrade	230,000	16,019	130,990	147,009	82,991	230,000	750,000	Brendan Hooper	Jul-24	Jun-25	Delays with QR approvals for Disaster Recovery data centre location run delayed civil works. Remedial works at the Quay St Pier (Boathouse) location was undertaken in readiness for DR data centre location run. The fibre run between Gracemere Community Hall and Conoughan Park for CCTV was also completed.	Approvals received for Disaster Recovery data centre run. Build has commenced with works expected to be completed during Q3. Dooley St Depot link also designed and work commenced during Q3. The reconnection of the Botanical Gardens Depot Lunch room run completed.
1160247	CCTV System upgrades and Improvements	67,700	14,589	2,150	16,739	50,961	67,700	695,000	Brendan Hooper	Jul-24	Jun-25	Additional cameras purchased and installed/replaced.	Investigation commenced to purchase additional storage and options to migrate to the new recommended Video Management System (VMS)
1160253	[R/U] Pathway Improvements and Upgrade PPOW	130,000	-	-	-	130,000	130,000	-	Brendan Hooper	Jul-23		Pathway UX upgrade continuing with further reviews and assessments being undertaken.	Pathway UX upgrade continuing with further reviews and assessments being undertaken.
0990339	ITR - Purchase of Printers - MFDs	85,000	26,722	-	26,722	58,278	85,000	404,000	Brendan Hooper	Jul-24	Jun-25	Devices continue to be replaced as they fall due.	Devices continue to be replaced as they fall due.
1011088	ITR - Networking Replacements	341,000	43,152	-	43,152	297,848	341,000	2,065,000	Brendan Hooper	Jul-24	Jun-25	Scoping commenced for switch direction. Some switch replacement made.	Further reviews and evaluations to be undertaken. Purchases to be made during Q4.
1011089	ITR - Server Replacements	103,455	103,455	-	103,455	-	103,455	578,000	Brendan Hooper	Jul-24	Jun-25	Replacements complete for this Financial Year.	Investigating migrating an existing backup server. Budget will be revised.
1033878	[N] Various Small Allotments	40,000	-	-	-	40,000	40,000	80,000	Kellie Roberts			Tender for sale of land at Wood St released, one submission received significantly below land valuation. As a result Wood Street Tender did not result in a sale.	No small allotment projects are likely to commence in Q3.
1045228	[R] Server Room UPS	80,000	-	-	-	80,000	80,000	97,000	Brendan Hooper	Oct-24	Jun-25	Quotation commenced with question raised around the requirement for switchboard update.	Further discussions held with RRC electricians to determine if the UPS replacement can occur without the switchboard upgrade. Expecting an outcome during Q3. Purchase during Q4.
1125956	[R] ITR - Unified Communications Renewal/Replacement (Hardware)	30,000	-	-	-	30,000	30,000	-	Brendan Hooper	Apr-24	Jun-25	Project not yet commenced.	Investigations have commence into potential replacements and moving to SaaS. This funding may not be required once a decision on direction is made.
1045811	[U] Systems Upgrade/Improvements (budget from 1017185)	235,000	-	-	-	235,000	235,000	2,429,700	Brendan Hooper			Planning 2025 program of works.	A lot of projects moving to SaaS so Capital funding cannot be used. Will be looking to revise down.
1047027	[R] ITR - Tape Libraries	75,000	-	-	-	75,000	75,000	75,000	Brendan Hooper	Mar-24	Jun-25	Project not yet commenced.	Purchasing during Q3.
1049071	[U] Aurion Improvements/Upgrade	59,400	-	-	-	59,400	59,400	-	Brendan Hooper	Jul-24	Jun-25	Waiting on further advice from the business	Waiting on further advice from the business
Subtotal - Information Systems		**18,206,126**	**8,136,508**	**4,193,379**	**12,329,887**	**1,750,917**	**18,206,126**	**66,992,700**					
Subtotal - Corporate & Technology Services		**13,319,712**	**5,608,529**	**3,881,375**	**9,489,904**	**3,829,808**	**13,319,712**	**66,092,700**					
Civil Operations													
1129027	Carparks Renewal	50,000	-	-	-	50,000	50,000	-	C. Claassen	Jan-25	Jun-25	Will be used for Rugby Park Carpark	
1160111	Blackspot - [U] UCC-RC-Upper Dawson Rd -Canning Street	120,000	80,172	-	80,172	39,828	120,000	-	M. Smith	Jan-24	Sep-24	Street lights only outstanding activity Awaiting Ergon approval	
1160137	PTAIP Bus Stop and Shelter Program - New Combined Project	250,000	76,734	2,217	78,951	171,049	250,000	-	M. Smith	Oct-24	Jun-25	Three bus stops to complete	
0943162	Footpath Reconstruction - Bulk Allocation	375,000	11,387	-	11,387	363,613	375,000	4,270,000	C. Claassen	Mar-25	Jun-25	Not Started	
1160530	Rural Sealed Road Rehabilitation program	300,000	-	-	-	300,000	300,000	5,000,000	R. Swadling	Jan-25	Jun-25		
1160533	Dale Park Access Road	170,000	-	-	-	170,000	170,000	-	J. Pierce	Feb-25	Mar-25	Not Started	

									Quarter 2 Submissions					
Project Number	Project Description	Current Approved Budget	Current Year Actuals	Commitals	Actuals + Commitals	Remaining Budget	Budget 24/25 - Current Submission	Future Budget Submissions 25/26 Onwards	Project Manager	Estimated / Actual Commencement Month	Estimated Completion Month/ Quarter	Quarter 2 Comments	Quarter 3 Comments
1159733	Denison Street - Derby Street to Stanley Street	900,000	879,852	104,243	984,096	(84,096)	1,430,000	-	N. Chapman	Jan-24	Apr-25	Progressing well	
1159736	Somerset Road - Somerset OLC to MacQuarie Street (117 to 31 Somerset)	1,852,239	1,271,127	27,101	1,298,228	554,011	1,300,000	-	M. Smith	Jan-24	Sep-24	Completed	
1160028	Broadway St (O'Connell to Quay)	480,000	4,015	-	4,015	475,985	500,000	-	N. Chapman	Mar-25	Jul-25	Not Started	
1160109	Blackspot - [U] UCC-RC-Derby Street-Kent St to Alma Ln	1,550,000	1,576,702	79,144	1,655,846	(105,846)	2,200,000	-	N. Chapman	Jan-24	Apr-25	Rounabout completed - raised platforms underway	
1160110	Blackspot -[U] UCC-RC-Denham St-Canning St to George Ln	665,000	352,490	6,612	359,102	305,898	600,000	-	J. Pierce	Jan-24	Sep-24	Street lights and median islands only outstanding activities. Awaiting Ergon approval for lights	
0971818	Renewal of Unsealed Road Gravel Program A	2,450,000	1,137,030	-	1,137,030	1,312,970	2,450,000	26,500,000	R.Swadling	Feb-24	Jun-25	Ongoing	
1149002	Stormwater quality device Refurbishment / Renewal	50,000	-	-	-	50,000	50,000	500,000	C. Claassen	Jan-25	Jun-25	Not Started	
1160138	Denham Street - West Street to Canning Street	250,000	-	-	-	250,000	-	-	M. Smith	Jan-24	Sep-24	Reseal completed	
1160324	[N] UCC-STIP-FP Berserker State School	220,000	64,869	242,848	307,717	(87,717)	330,000	-	J. Pierce	Sep-24	Feb-25	Completed	
1160325	[N] UCC-STIP-FP Glenmore State School - McLaughlin St	200,000	63,359	-	63,359	136,641	290,000	-	M. Smith	Sep-24	Jan-25	Completed	
1160326	[N] UCC-STIP-FP Rockhampton State High School - Exhibition Rd	550,000	18,907	-	18,907	531,093	700,000	-	R.Weerakoon	Jan-25	Apr-25	Contractor appointed - to start in February 2025	
1160328	[N] UCC-STIP-FP Waraburra State School - Johnson Rd	370,000	38,462	-	38,462	331,538	450,000	-	R.Weerakoon	Nov-24	Feb-25	Underway - progressing well	
1160435	STIP Cathedral College - Construction of footpaths on Talford Street and West St	395,000	134,460	136,429	270,889	124,111	290,000	-				Completed	
1160436	STIP Emmaus College - Construction of footpath along Yaamba Road Service Road	170,000	46,808	68,255	115,063	54,937	150,000	-				Completed	
1160481	Murphy Road - Ch 00 to 1.50 , bitumen seal	650,000	594,790	2,273	597,063	52,937	620,000	-	R. Swadling	Nov-24	Oct-24	Completed	
1160532	Dale Park Asphalt Basin	80,000	5,755	-	5,755	74,245	50,000	-	R. Swadling	Feb-24	Dec-24	80% Completed	
1160536	Footpath / Cycleways Construction - Bulk Allocation	500,000	111,442	-	111,442	388,558	540,000	7,000,000	C. Claassen	Feb-25	Jun-25	Bedford St and Derby St paths completed - Three remaining paths	
1160537	Edenbrook Drive to Olive Street Corridor Acquisition	1,000,000	-	-	-	1,000,000	-	2,000,000	Martin Crow			Developer contribution for Ellida Estate. Timing unclear.	Developer contribution for Ellida Estate. Timing unclear.
1160538	Olive Street west connection to Alexandra St	500,000	-	-	-	500,000	-	4,000,000	Martin Crow			Developer contribution for Ellida Estate. Timing unclear.	Developer contribution for Ellida Estate. Timing unclear.
1160539	Alexandra St/Edenbrook Drive - intersection	375,000	-	-	-	375,000	-	750,000	J. Pierce	Jan-25	Apr-25	Developer contribution for Ellida Estate. Timing unclear.	
1160540	GIA - Gracemere Creek Drainage Corridor	450,000	-	-	-	450,000	-	450,000	Martin Crow			Developer contribution for Gracemere Springs. Timing unclear.	Developer contribution for Gracemere Springs. Timing unclear.
1151497	North Rockhampton Flood Mitigation Stormwater Drainage	338,951	14,798	82,085	96,883	242,068	338,951	-	C. Claassen	Nov-24	Dec-24	50% Completed	
1159734	Alexandra st / Birkbeck dr intersection	1,600,000	303,088	803,663	1,106,751	493,249	1,600,000	4,723,500	J. Pierce	Jan-25	Apr-25	Civil works for Electrical relocation completed - Ergon to relocate power lines	
1160561	Bills Road - Ch 0.23 to 1.33, Seal	570,000	333	-	333	569,667	570,000	-	R. Swadling	Oct-24	Dec-24	Underway	
0984744	Streetlighting Improvement Program	25,000	15,583	-	15,583	9,417	25,000	475,000	N. Chapman	Jan-25	Jun-25	Underway	
0984775	Road Safety & Minor Works Program	220,000	163,983	-	163,983	56,017	220,000	2,200,000	C. Claassen	Jan-25	Jun-25	Completed	
1076584	Stormwater - Minor Capital Program	120,000	81,380	32,815	114,194	5,806	120,000	1,200,000	C. Claassen	Mar-25	Mar-25	30% completed	
1160327	[N] UCC-STIP-FP St Mary's Primary School - Burnett St	65,000	64,123	-	64,123	877	65,000	-	R.Weerakoon	Oct-24		Completed	
1160572	Blackspot [U] UCC-RC-Rodboro St - McKean St to Water St	1,500,000	71,200	-	71,200	1,428,800	1,500,000	-				Design Underway	
0945995	Annual Reseal Program CP428	440,000	-	-	-	440,000	500,000	4,400,000	M. Smith	Jan-25	Jun-25	Contractor appointed - to start in March 2025	
0971784	Annual Reseal Program CP427	2,500,000	1,122,082	67,831	1,189,914	1,310,086	2,750,000	25,700,000	M. Smith	Aug-24	Jun-25	Contractor appointed - to start in March 2025	
1047474	Murray St - Denham to Fitzroy	550,000	-	-	-	550,000	600,000	-	M. Smith	Mar-25	Apr-25	Design completed - to start Early March	
1076599	Capital Works Contingency Fund	732,733	-	3,000	3,000	729,733	709,445	10,000,000	P. Kofod				
1076605	Heavy Patching / Pavement Rehabilitation - Bulk Allocation	200,000	-	-	-	200,000	-	2,000,000	M. Smith	Jan-25	Jun-25	Completed under the reaseal program	
1153126	Sr Raymond Huish Drive Flood Valves	340,000	347,874	11,879	359,753	(19,753)	365,000	-	J. Pierce	Jan-24	Sep-24	Completed	
1159620	Development Contributions - Edenbrook Drive	200,000	-	-	-	200,000	-	400,000	Martin Crow			Developer contribution for Ellida Estate. Timing unclear.	Developer contribution for Ellida Estate. Timing unclear.
1160649	Increase to Capital Input for planned renewal of assets - 0977033, 0977032 14 To	260,000	-	-	-	260,000	-	-					
1007064	Annual Reseal Program	350,000	7,851	-	7,851	342,149	350,000	3,500,000	M. Smith	Jan-24	Jun-25	Contractor appointed - to start in March 2025	
1148867	Floodways CP422 - Bulk Allocation	400,000	268,527	-	268,527	131,473	400,000	4,000,000	R. Swadling	Feb-24	Jun-25	Underway	
1033868	Bridge Rehabilitation - Bulk Allocation	220,000	52,581	-	52,581	167,419	220,000	2,200,000	C. Claassen	Jan-25	Jun-25	Some work already completed on Moores Ck bridge	
1160398	Fairybower Road - Scrubby Creek. Upgrade to bridge / major culverts.	74,166	15,145	-	15,145	59,021	74,166	1,450,000	C. Claassen			Design only	
1159902	Stanwell-Waroula Road - Ch 10.25 to 24.2	420,000	413,036	3,285	416,321	3,679	420,000	-	R. Swadling		Jul-25	Completed	
1148881	Guardrail Renewal	50,000	-	-	-	50,000	50,000	500,000	C. Claassen	Jan-25	Jun-25	Not Started	
1148884	Bawden St - Bedford St Intersection Improvements	670,000	611,372	20,497	631,869	38,131	670,000	-	J. Pierce	Sep-24	Jun-24	Completed	
1148888	Witt St Dean to Water	500,000	16,462	-	16,462	483,538	500,000	-	J. Pierce	May-24	Jan-25	Underway	
1033900	Replace Stormwater Inlets	100,000	59,385	-	59,385	40,615	100,000	1,000,000	C. Claassen	Jan-25	Jun-25	Underway	
1159680	South Yaamba Road - Ch 2.80 to 10.50	1,000,000	9,747	-	9,747	990,253	350,000	1,315,700	R. Swadling	Sep-24		Design in progress	
1159681	Lion Mountain Road - Ch 9.20 to 11.20 , bitumen seal	700,000	487,903	208,483	696,386	3,614	730,000	-	R. Swadling	May-24	Sep-24	Underway	
1160434	STIP St Pauls Primary School -Construction of a footpath along Victoria Street	350,000	275,469	4,044	279,512	70,488	350,000	-				90% completed	
1126714	Disability Access Infrastructure - Ramps (Various locations in the broader	30,000	2,768	-	2,768	27,232	30,000	300,000	C. Claassen	Jan-25	Feb-25	Underway	
1063511	Quay Lane - North Street to Albert Street	-	3,537	-	3,537	(3,537)	-	-	J. Pierce				
1160136	Morgan Street Drainage Kabra	-	4,915	-	4,915	(4,915)	-	-	R. Swadling				

								Quarter 2 Submissions					
Project Number	Project Description	Current Approved Budget	Current Year Actuals	Commitals	Actuals + Commitals	Remaining Budget	Budget 24/25 - Current Submission	Future Budget Submissions 25/26 Onwards	Project Manager	Estimated / Actual Commencement Month	Estimated Completion Month/ Quarter	Quarter 2 Comments	Quarter 3 Comments
1067717	Farm Street - Alexandra Street intersection	-	96,401	-	96,401	(96,401)	-	-					
1160686	[N] UCC-RC-Thomasson Street (Alexandra St to Taylor St)		433	14,500	14,933	(14,933)	-	-	R. Weerakoon	Sep-24	Sep-24		
1160694	[N] UCC-RC-Main Street (Haynes St to Railway Line)		430	15,500	15,930	(15,930)	-	-	R. Weerakoon	Sep-24	Sep-24		
1160695	[N] UCC-RC-Main Street (Haynes St to Glenmore Road)		504	16,500	17,004	(17,004)	-	-	R. Weerakoon	Sep-24	Sep-24		
1160685	[N] UCC-RC-Davidson Street (Boland Street to Main Street)		1,460	-	1,460	(1,460)	-	-	R. Weerakoon	Sep-24	Sep-24		
1159231	Dale Park Sediment Basin		2,552	-	2,552	(2,552)	-	-	R. Swadling				
1076574	Malchi-Nine Mile Road - Ch 7.5 to Ch 9.5		19,170	-	19,170	(19,170)	-	410,000	R. Swadling				
1160337	UCC-[U] HSVPP Parkhurst Industrial Rd - Stg 3 Johnson St		47,945	4,439	52,383	(52,383)	-	-	J. Pierce	Sep-24	Sep-24		
1158273	[N] -UCC- NC- River Rose Drive		(2,217)	-	(2,217)	2,217	-	-					
1148871	Old Capricorn Highway - Scrubby Creek Bridge		19,591	-	19,591	(19,591)	-	-	J. Pierce				
1160029	[R] UCC-RC-Murray St - Denham St to Fitzroy St		25,764	-	25,764	(25,764)	-	-	R. Weerakoon	Sep-24	Sep-24		
1148883	Bus Stop & Shelter program	-	5,155	-	5,155	(5,155)	-	-					
1148890	Penlington St - Brae to Davis	-	1,106	-	1,106	(1,106)	-	250,000					
1158849	KC-Denison Street - Derby St to Stanley St		2,275	-	2,275	(2,275)	-	-	N. Chapman	Jan-24	Apr-24		
1158994	N]-UCC-FP-Norman Road -Farm Street to Cedar Drive - Federal		150	-	150	(150)	-	-					
Subtotal - Civil Operations		**29,448,089**	**11,102,221**	**1,957,644**	**13,059,865**	**16,388,224**	**26,822,562**	**116,494,200**					
Infrastructure Planning													
1129391	[N] Port Alma Boat Ramp - Land Acquisitions	25,000	2,350	-	2,350	22,650	25,000	-	Martin Crow	Jan-17	Jan-24	Reviewed completion of all agreement requirements. Incomplete signage to be rectified.	Install missing signage.
1148997	[N] Casuarina Boat Ramp	35,000	-	-	-	35,000	35,000	-	Martin Crow	Jan-17	Jan-24	Consideration for lighting at Inkerman Ck.	Further consideration of lighting at Inkerman Creek.
0971899	LDCC Equipment Upgrade	20,000	-	-	-	20,000	20,000	32,000	Claudine Cassar	Jan-24	Jan-25	Identified priority replacement of DM laptops and have approached IT. Awaiting outcome.	If supported, replace DM Laptops.
1160608	Gracemere & Mt Morgan Emergency Comms	150,000	-	-	-	150,000	150,000	350,000	Martin Crow	Oct-25	Jun-25	Developing Program to be funded.	Commence funding approved projects.
0580823	Infrastructure Planning - Land Acquisitions and Resumptions	500,000	-	-	-	500,000	500,000	1,500,000	Martin Crow	Jan-24	Jun-25	Accessed as needs arise.	Accessed as needs arise.
1160667	SES Mount Morgan Gates	26,000	26,000	-	26,000	-	26,000	-	Martin Crow			Project completed.	Project completed.
1148860	Flood Stations Network Investment plan	46,000	-	-	-	46,000	46,000	25,000	Stuart Harvey	Jan-20	Jan-26	Awaiting completion of BOM FWIN asset review	Review Council requirements based on FWIN outcomes.
1148862	Renewal of Design Office Survey equipment	60,000	59,553	-	59,553	447	60,000	278,000	Grant Vaughan	Jan-24	Jan-24	Equipment Replaced.	No further action.
Subtotal - Infrastructure Planning		**862,000**	**87,903**	**-**	**87,903**	**774,097**	**862,000**	**2,185,000**					
Waste & Recycling Services													
1159063	[R] LCR Geotechnical Instrument Maintenance & Assessment	25,000	-	17,197	17,197	7,803	40,000	400,000	Michael O'Keeffe	Q3 2024/25FY	Q3 2024/25FY		
1148685	[N] Lakes Creek Road Landfill Capping Bail Area A	166,690	166,690	-	166,690	0	178,358	-	Ahmad Sinha	Q4 2023/24FY	Q2 2024/25FY		
1148687	Lakes Creek Road Upgrades	1,148,307	120,895	3,242	124,136	1,024,171	1,643,637	500,414	Ahmad Sinha	Q1 2024/25FY	Q4 2024/25FY	Contractor for the Final Capping and Carpark is awarded and early planning for the project has commenced. Tender assessment completed for the Re-Use Shop Shed. Pavement works within the Gatehouse Compound - design completed and planning for the project has commenced.	Contractor for the Final Capping and Carpark has commenced construction. Contract has been awarded for the Re-Use Shop Shed. Pavement works within the Gatehouse Compound have been completed.
1148692	[N] Lakes Creek Road Landfill - Life Extension Design	54,096	20,057	169,461	189,518	(135,422)	263,202	-	Ahmad Sinha	Q3 2021/22FY	Q3 2024/25FY	Finalisation of Lakes Creek Road Landfill Cell and Final Capping Design, including Technical Specifications is in progress.	Finalisation of Lakes Creek Road Landfill Cell and Final Capping Design, including Technical Specifications is in progress.
1160411	[U] Mt Morgan Waste Facility Upgrades	107,000	10,608	20,400	31,008	75,992	187,678	278,200	Ahmad Sinha	Q3 2024/25FY	Q4 2024/25FY	Design completed. Planning for Quote process.	Quotes received and planning for the works in underway.
1047107	[N] Lakes Creek Road Landfill - Life Extension	2,759,082	1,107,398	88,441	1,195,839	1,563,243	1,074,655	27,547,972	Michael O'Keeffe	Q1 2024/25FY	Q4 2024/25FY	The approach for long-term stormwater management has been reviewed with a Stormwater Management Options Assessment. The outcome of this Options Assessment is to not proceed with the HES Basin, rather to adopt operational practices and to divert clean water from the site during each stage of final landfill capping to manage the sites water quality requirements. The corresponding budget for the HES Basin has therefore been removed.	The approach for long-term stormwater management has been reviewed with a Stormwater Management Options Assessment. The outcome of this Options Assessment is to not proceed with the HES Basin, rather to adopt operational practices and to divert clean water from the site during each stage of final landfill capping to manage the sites water quality requirements. The corresponding budget for the HES Basin has therefore been removed.
Subtotal - Waste & Recycling Services		**4,260,175**	**1,425,648**	**298,741**	**1,724,389**	**2,535,786**	**3,387,530**	**28,726,586**					
Fitzroy River Water													
0581074	[R] M Water Meter Replacement	5,000	(649)	-	(649)	5,649	5,000	37,400					
0581078	[R] R -Water Main Replacement Program	700,000	977,246	38,100	1,015,346	(315,346)	1,044,000	19,100,000	Evan Davison			Emergency replacements. Budget addressed in Oct Review.	
0581081	[R] R Water Meter Replacement	602,309	680,633	142,276	822,909	(220,600)	1,052,309	1,750,000				Budget addressed in Oct Review	
1159653	[N] R Land L305 CP817146 - Campbell St SPS	79,517	61,018	-	61,018	18,499	79,517	-				Land purchase for existing SPS	
1160472	[R] Laboratory Equipment Upgrade	31,825	-	-	-	31,825	31,825	-					
1160480	[R] GWTP Admin Building Finishes	146,200	116,059	40,661	156,720	(10,520)	165,000	-	Dan Toon			Internal/external painting - completed	
1129221	[R] R SPS Hadgraft St Overflow Upgrade	130,000	-	-	-	130,000	130,000	-					Investigate options
1160511	[N] R W Main (Trunk) 450mm Western Extn of Olive St (Yaamba Rd to Western Bounda	260,000	-	-	-	260,000	-	2,080,000					
1160512	[N] R W Main (Trunk) 300mm Extn of Edenbrook Drive to Olive St via Alexandra St	150,000	-	-	-	150,000	-	300,000					
1160513	[R] G WPS M&E & Civil Renewal	20,500	-	-	-	20,500	20,500	266,500					
1160514	[R] R Reservoir M&E and Civil	52,000	-	-	-	52,000	52,000	520,000					
1160515	[R] R WPS Rockonia Rd Replacement	50,000	-	11,284	11,284	38,716	75,000	-				Emergency pump replacement	
1160516	[N] R S Main (Gravity) 300mm Ellida West (MAAS)	250,000	-	-	-	250,000	-	500,000					

								Quarter 2 Submissions						
Project Number	Project Description	Current Approved Budget	Current Year Actuals	Commitals	Actuals + Commitals	Remaining Budget	Budget 24/25 - Current Submission	Future Budget Submissions 25/26 Onwards	Project Manager	Estimated / Actual Commencement Month	Estimated Completion Month/ Quarter	Quarter 2 Comments	Quarter 3 Comments
1129383	[R] R WPSLow Lift Pumpstation Intake Structure and Pipe Condition Assessment	260,000	-	-	-	260,000	-	-	Luke Hall	Aug-24	Nov-24	Combined with #1065033	
1129385	[R] R WPS Thozet Rd Mech-Elect and Valve Renewal	245,670	(9,481)	65,794	56,312	189,358	150,000	2,100,000				Design brief prep commenced	Issue for quotations
1129392	[R] R SPS Belmont Rd Pump No 1 and 2 Renewal	150,000	120,752	21,476	142,228	7,772	175,000	-	Brenton Hoffman	Aug-24	Nov-24	Site works completed to allow PS to be taken offline	Contractor to install pipework and pumps
1065033	[R] R WPS Low Lift Valves Renewal - rename this one	1,014,159	293,092	169,339	462,431	551,728	750,000	2,564,159	Luke Hall	Aug-24		Penstocks ordered and design brief progressed	Issue design brief tender/quotation
1159720	[R] M WPS M&E & Civil Renewals	20,600	-	-	-	20,600	20,600	61,800				Provision for minor emergent works	
1159722	[R] M MMSTP M&E and Civil	75,000	-	-	-	75,000	75,000	-				Provision for minor emergent works	
1159723	[R] R SRSTP M&E and Civil	52,586	-	17,920	17,920	34,666	52,586	705,200				Provision for minor emergent works	
1065036	[R] R SCADA system upgrade Whole of FRW	1,265,000	83,290	1,321,766	1,405,056	(140,056)	900,000	2,895,000	Danny Quirk	Jul-24	Jun-25	Contract awarded	Project startup and planning
1066450	[N] R Water Meter Installations NEW	19,880	47,037	-	47,037	(27,157)	70,000	500,000					
1066451	[N] G Water Meter Installations NEW	22,349	5,990	13,726	19,716	2,633	22,349	250,000					
1159725	[R] R NRSTP M&E and Civil	50,500	-	-	-	50,500	50,500	502,000				Provision for minor emergent works	
1159727	[R] G GSTP M&E and Civil	33,269	2,892	19,675	22,567	10,702	33,269	227,500				Provision for minor emergent works	
1160158	[R] M W Dam No 7 Dam safety short term works	453,313	130,423	96,254	226,677	226,636	300,000	153,313	Dan Toon	Jul-24	Jun-25	Consultant working on comprehensive risk assessment report	Installation of seepage collection works
1160162	[U] G SPS Rahima Crt (Gce) PS#6	850,000	5,760	2,901	8,661	841,339	200,000	1,650,000	Abby Carolan	Oct-24		Tenders issued for design consultant	Assess tenders and award contract for design services
1152783	[N] G West Gce 150mm water extension Stage 2	27,000	-	-	-	27,000	27,000	750,000					
1160322	[R] R GWTP Filter concrete refurbishment	109,500	-	-	-	109,500	50,000	1,064,000					
1148652	[U] R GWTP Reservoir No 1 & 2 Safety Access Upgrade	142,444	-	89,500	89,500	52,944	142,444	-	Brenton Hoffman	Aug-24	Mar-25	Contractor engaged	Complete works
1148654	[R] R W Reservoir Yaamba Rd Roof & floor Replacement	20,620	12,125	12,450	24,575	(3,955)	20,620	2,545,000					
1148655	[U] R NRFMA Sewer Upgrade	570,000	583,951	-	583,951	(13,951)	584,000	-	Doug Bergman		Jul-24	Works Completed	
0984990	[R] G Water Meter Replacement	40,000	27,552	-	27,552	12,448	40,000	195,000					
1159835	[R] G SPS Capricorn St Electrical & 1 pump	209,095	-	-	-	209,095	209,095	-				Preparation of technical specifications for tenders	Issue tender and award contract
1160619	[N] GWTP UV Disinfection	40,500	8,938	27,979	36,917	3,583	40,500	-				Consultant engaged to prepare predesign options report	Complete predesign report and proceed to detailed design
1159263	[N] MMWTP M&E & Civil Renewals	20,500	-	-	-	20,500	20,500	-				Minor works	
0988096	[R] R Valve & Hydrant Renewal	75,000	7,615	-	7,615	67,385	30,000	1,375,000					
1159808	[N] R S Main (Gravity) 225mm Mclaughlin St (Sturt St to Reserve)	135,035	123,423	3,871	127,294	7,741	135,035	-	Evan Davison		Sep-24		
1159824	[R] R FRW Site access road restoration	100,000	19,915	-	19,915	80,085	100,000	-					
1112541	[N] R WPS Ibis Ave No. 2 Pump 3 Upgrade	80,000	70,492	6,356	76,848	3,152	80,000	-	Gavin Challinor		Aug-24		
0581020	[R] M - Water Main Replacement Program	50,000	-	-	-	50,000	-	2,554,000				Provision for emergent water main replacements	
0581031	[R] R - S - Jump up & mainline priority	597,265	280,131	6,433	286,563	310,702	597,265	10,148,000				Ongoing program	
0581032	[R] R - S Access Chamber Raising	93,716	300,348	-	300,348	(206,632)	350,000	1,500,000				Ongoing program	
1148830	[N] SRSTP Construction of Recycled Water Scheme	20,098	-	-	-	20,098	-	-					
1159265	[R] R GWTP M&E and Civil	50,000	-	-	-	50,000	50,000	1,026,500				Provision for emergent works	
1160366	[R] R SPS Bodero St Pump No1 & No2 Renewal	168,912	127,224	-	127,224	41,688	168,912	-	Brenton Hoffman	Sep-24	Oct-24		
1017148	[R] R - W Property Service Replacements	8,299	129,775	700	130,475	(122,176)	200,000	925,000				Ongoing program	
1030501	[R] R Sewer Combined Lines Control	107,335	146,489	-	146,489	(39,154)	175,000	1,500,000				Ongoing program	
1159272	[R] R WPS Norman Rd Mechanical	195,806	-	13,719	13,719	182,087	100,000	3,075,800					
1159273	[R] Overhead Cranes Renewal	100,000	-	-	-	100,000	100,000	-					
1159275	[U] R SPS Springbrook Cl upgrade	40,000	-	-	-	40,000	-	40,000					
1159277	[U] R SPS Access safety upgrades	800,000	63,277	32,516	95,793	704,207	800,000	2,765,000	Brenton Hoffman	Jul-24		Obtain quotes and award contract	Proceed with works
1033794	[N] R SPS McLaughlin St SEW 6	120,000	-	-	-	120,000	-	120,000					
1158294	[N] R S Main (Rising) 200mm (McLaughlin St SPS to Sturt St) - 1.2km	1,134,472	184,082	17,894	201,975	932,497	1,134,472	-	Evan Davison	Nov-24	Jun-25	Construction delayed by development earthworks on adjacent property	Commence works
1160394	[R] R Reservoir Agnes St A,C,D Chlorine dosing pumps	90,767	1,805	-	1,805	88,962	90,767	-					
1160401	[U] R SPS Kershaw Gardens Upgrade	35,000	-	-	-	35,000	-	35,000					
1160407	[R] R SPS MIRI radio telemetry renewal	99,755	17,571	-	17,571	82,184	99,755	194,000	Danny Quirk	Aug-24		Preparation for start of replacement program completed	Proceed with replacement program
1160410	[R] R Kerrigan Street SPS Electrical Renewal	124,996	-	-	-	124,996	124,996	-				Preparation of technical specifications for tenders	Issue tender and award contract
1160415	[N] R GWTP Coagulant Dosing Control	230,000	-	-	-	230,000	50,000	180,000					
1160416	[R] R FRW Physical Security	250,000	-	-	-	250,000	250,000	1,250,000	Luke Hall	Oct-24		Working on program of works	Obtain quotations and award initial works packages
1160418	[U] G GSTP Handrailing	100,000	-	-	-	100,000	-	-					
1160420	[R] G SPS Victoria St Electrical Renewal	150,000	-	-	-	150,000	150,000	-				Preparation of technical specifications for tenders	Issue tender and award contract
1160421	[N] R Water Network Quality Assessment	125,000	-	-	-	125,000	50,000	75,000					
1160422	[R] R Mechanical Maintenance and Critical Spares Shed	150,000	-	-	-	150,000	150,000	430,000				Glenmore depot site planning completed	Proceed to tender phase
1160423	[R] R WPS Samuel Cr Renewal	30,000	-	-	-	30,000	30,000	170,000					
1160424	[R] R Reservoir Samuel Cr Renewal	65,000	-	-	-	65,000	65,000	80,000					
1160071	[N] GWTP Parking bay electric car	6,300	6,254	-	6,254	46	6,300	-	Brenton Hoffman		Sep-24	Works Completed	
1160072	[N] GWTP P&E washdown bay	199,078	-	-	-	199,078	199,078	-				Glenmore depot site planning completed	Proceed to tender phase
1160073	[R] R S Main (Rising) 150mm Campbell St SPS diversion	20,000	-	-	-	20,000	-	170,000					

							Quarter 2 Submissions						
Project Number	Project Description	Current Approved Budget	Current Year Actuals	Commitals	Actuals + Commitals	Remaining Budget	Budget 24/25 - Current Submission	Future Budget Submissions 25/26 Onwards	Project Manager	Estimated / Actual Commencement Month	Estimated Completion Month/ Quarter	Quarter 2 Comments	Quarter 3 Comments
1160425	[R] R SPS Harman St Planning and M&E Upgrade	340,000	293	-	293	339,707	340,000	-				Preparation of technical specifications for tenders	Issue tender and award contract
1160428	[R] G STP Main SWB Renewal	30,000	-	-	-	30,000	-	-					
1160429	[R] R Standpipe Wandal Construction	125,000	-	-	-	125,000	125,000	-					
1160431	[N] R GWTP Lowlift Pumpstation Replace No 1 VSD	105,000	-	94,100	94,100	10,900	105,000	-	Greg Anderson	Aug-24	Dec-24		
1160432	[R] R Recycled Water Strategy	100,000	-	-	-	100,000	100,000	-					
1159638	[N] G-W-Main (Trunk) 200mm Lawrie St (Old Cap Hwy-John St)	130,000	-	-	-	130,000	-	-					
1160077	[R] R W Reservoir Forbes Floor Leak Restoration	50,000	-	-	-	50,000	50,000	780,000					
1160078	[R] MMSTP Replacement STP	50,000	-	-	-	50,000	50,000	2,950,000					Seek fee proposal for preparation of predesign/concept report
1160450	[N] R Chlorine Shutdown Valves & Controllers	23,393	-	-	-	23,393	23,393	-					
1127882	[R] R SPS Arthur St Civil Structure Renewal	229,653	26,167	62,092	88,259	141,394	100,000	130,000	Abby Carolan		Jun-25	Completion of design progressed	Issues invitations for quotations
1160713	[R] R WPS Agnes St Pump Renewal		-	-	-	-	200,000	-				Emergency replacement required due to pump failure	Select pump replacement strategy and procure pumps and pipework
1160692	[U] NRSTP Sludge Transfer Options Investigation	-	-	25,660	25,660	(25,660)	30,000	-				Engaged consultant to prepare investigation report	Review draft report and select preferred strategy
1160392	[R] M W Property Service Replacements		23,123	-	23,123	(23,123)	50,000	-					
1129388	[R] R SPS Red Hill Pump No 1 and 2 Renewal		22,660	-	22,660	(22,660)	-	-					
1066452	[N] M Water Meter Installations NEW		173	-	173	(173)	-	-					
1159729	[R] Barrage condition assessment	-	10,725	8,789	19,515	(19,515)	-	-					
1160334	[R] R Irrigator Water Meter Replacement		(235)	-	(235)	235	-	2,170,000					
1160566	[R] R SPS Kershaw Gdns Replace control board		4,553	-	4,553	(4,553)	-	-					
1160613	[R] R SPS M&E and Civil		1,472	18,700	20,172	(20,172)	-	-					
1160640	[R] R SPS Airport Carpark Electrical mains		19,196	-	19,196	(19,196)	-	-					
1160391	[R] G W Property Service Replacements		2,338	-	2,338	(2,338)	-	-					
1159473	[N] G W Main 150mm Lawrie St (Shop complex-School)	-	30,207	-	30,207	(30,207)	-	-					
Subtotal - Fitzroy River Water		**14,904,216**	**4,765,701**	**2,381,930**	**7,147,631**	**7,756,585**	**13,048,587**	**74,360,172**					
Total - Infrastructure Projects		**67,856,889**	**25,526,082**	**8,831,693**	**34,357,775**	**33,499,114**	**62,503,088**	**289,758,658**					
Community Projects													
Community Assets & Facilities													
0943056	[R] Amenities Program Renew and Upgrade	440,419	24,315	207,065	231,380	209,039	440,419	3,006,000	Zac Tomkins	Jul-24	Jun-25	Finalised scope and program of works for Queens Park and Huish Drive	Scope and design finalised for Mt Morgan #7 Dam. Demolition of 1 existing amenities at #7 Dam to commence. Works started at Queens Park & Huish Drive. Curtis Park refresh completed.
1160129	RSP Back-Up Generator (Exp)	394,000	13,317	2,100	15,417	378,583	394,000	-	Zac Tomkins	Jul-24	Jun-25		Tender under evaluation
1160140	Memorial Gardens - close in back chapel	250,000	94,710	172,280	266,990	(16,990)	250,000	-	Damon Richardson	Jul-24	Jun-25		Works to be finalised
1160143	[R] Roller Door Renewals	57,000	29,564	16,318	45,883	11,117	57,000	430,000	Damon Richardson	Jul-24	Jun-25		
1160146	[R] Bauhinia House Fire Panel	64,000	61,590	-	61,590	2,410	64,000	-	Damon Richardson	Jul-24	Dec-24		Works complete
1160147	[R] Park signage & Furniture	50,000	17,096	-	17,096	32,904	50,000	500,000	Damon Richardson	Jul-24	Jun-25		Works scheduled to coincide with playground and shade installations
1160148	[R] Northside Pool Slide Repolish	440,000	-	-	-	440,000	-	-	Damon Richardson				
1160149	[R] Bollards, Fencing, Gates	176,000	23,770	-	23,770	152,230	176,000	1,500,000	Damon Richardson	Jul-24	Jun-25		Works scheduled to start at Capelec Park and Littler Cum-Ingham Park
1160152	[R] Kershaw Monorail Karts	55,000	47,239	-	47,239	7,761	50,000	-	Damon Richardson				
0976085	[R] Rton Showgrounds Switchboard enclosure Renewal	250,000	-	-	-	250,000	250,000	-	Damon Richardson	Oct-24	Mar-25		RPEQ design still under development. Works likely to be delayed until Q4
1160541	[R] Masonic Lodge Refurbishment	80,000	41,041	-	41,041	38,959	42,000	-	Damon Richardson	Jul-24	Mar-25		Works complete
0983908	[R] City Hall Refurbishment	50,000	25,540	-	25,540	24,460	50,000	800,000	Emma-Jane Dwyer	Jul-24	Jun-25		Heritage specialist organised March 2025 to provide advice on ongoing moisture concerns
1076534	[R] Access Road renewal program - priorities provided by Civil Operations	50,000	2,356	-	2,356	47,644	415,000	500,000	Zac Tomkins	Jul-24	Jun-25		Material availability delayed until March due to weather concerns. Works scheduled for shortly after.
1160545	[R] Field Lighting program	350,000	30,439	27,600	58,039	291,962	350,000	3,500,000	Damon Richardson	Jul-24	Jun-25		Woods Park to be completed. POs raised for Showgrounds centreing
1160546	[R] Gracemere library retaining wall replacement	104,000	103,513	-	103,513	487	104,000	-	Damon Richardson	Jul-24	Mar-25		Works complete
1160547	[R] Custom House Carpet	50,000	4,248	1,800	6,048	43,952	50,000	-	Zac Tomkins	Jul-24	Jun-25	Heritage exemption approved	Works scheduled for 24th March 2025
1160549	[R] Riverside Wetplay chlorinator replacement	30,000	27,255	-	27,255	2,745	28,000	-	Damon Richardson				
1160550	[R] Southside 25m chlorinator replacement	30,000	25,015	-	25,015	4,985	26,000	-	Damon Richardson				
0984152	[N] Access and Equity Upgrade Projects	119,000	29,227	38,140	67,367	51,633	119,000	360,000	Damon Richardson	Jul-24	Jun-25		Works complete
1076543	[R] Air-conditioner Replacement Program	200,000	21,825	195,679	217,504	(17,504)	210,000	1,060,400	Damon Richardson	Jul-24	Jun-25		
1159236	Council Depots Asphalt Renewal	4,000	3,786	-	3,786	214	4,000	-					
1159745	[U] North Rockhampton Cemetery Entry	190,000	225	-	225	189,775	190,000	-	Emma-Jane Dwyer	Jul-24	Jun-25		Quotes works over budget - to be reviewed as part of budget review
1159746	[R] 220 Quay st reroof	386,000	277,949	71,911	349,859	36,141	386,000	-	Emma-Jane Dwyer	Jul-24	Jun-25	Works ongoing to meet Practical completion as defined in the contract	Works ongoing to meet Practical completion as defined in the contract
1160249	City Occasional Childcare Shade Structure	22,000	-	21,900	21,900	100	22,000	-					
1160551	[R] Woodworkers guild building repairs	100,000	44,355	-	44,355	55,645	75,000	-	Damon Richardson	Jul-24	Jun-25	Stump works complete	Front stairs complete
1160552	[R] Jardine Park kiosk repairs	20,000	1,940	105	2,044	17,956	20,000	-	Zac Tomkins	Jul-24	Jun-25	DA approvals obtained	Waiting on Ergon to disconnect power to building to allow us to proceed
1160553	[R] Welfare house kitchen refit	20,000	-	-	-	20,000	20,000	-	Damon Richardson	Jul-24	Jun-25		Consultation with occupants to schedule a date

								Quarter 2 Submissions					
Project Number	Project Description	Current Approved Budget	Current Year Actuals	Commitals	Actuals + Commitals	Remaining Budget	Budget 24/25 - Current Submission	Future Budget Submissions 25/26 Onwards	Project Manager	Estimated / Actual Commencement Month	Estimated Completion Month/ Quarter	Quarter 2 Comments	Quarter 3 Comments
1160554	[R] Southside pool drain repairs	50,000	24,320	-	24,320	25,680	25,000	-	Zac Tomkins	Jul-24	Jun-25		Works complete
1160555	[R] Historic library roof & gutters	50,000	-	-	-	50,000	-	50,000	Damon Richardson	Jul-25	Jun-26		Report received, re-evaluating project scope - works will be delayed until 25/26
1160556	[R] Southside pool balance tank relining	50,000	11,364	1,146	12,510	37,490	50,000	450,000	Zac Tomkins	Apr-25	Jun-25		
1160557	[R] Walter Reid Lapidary Club AC replacement	60,000	-	44,856	44,856	15,144	50,000	-	Damon Richardson	Jul-24	Jun-25		Works complete
1159237	Memorial Gardens - Synge St proposal	194,500	43,263	66,254	109,516	84,984	110,000	3,085,000	Emma-Jane Dwyer	Jul-24	Jun-25		Concept design in progress. Report to Council expected March 2025.
1159239	[U] City Hall Precinct - Upgrade/replacement of essential power generator	30,027	15,715	-	15,715	14,312	15,715	-	Emma-Jane Dwyer	Jul-24	Dec-24		Works complete
1159748	[N] Energy study to determine next solar sites & EV charging sites	6,000	670	5,269	5,939	61	6,000	-	Emma-Jane Dwyer				
1159750	[U] Elizabeth park lighting	338,000	302,937	30,778	333,714	4,286	338,000	-	Emma-Jane Dwyer	Jul-24	Mar-25		Works complete - waiting on paperwork to issue PC
1159754	McLeod Park - lighting	1,757	(445)	-	(445)	2,202	1,757	-	Emma-Jane Dwyer				
1160558	[R] Archer Park railway AC replacement	75,000	48,116	-	48,116	26,884	50,000	-	Damon Richardson	Jul-24	Mar-25		Works complete
1160559	[N] Dump point Gracemere	50,000	18,423	20,602	39,025	10,975	50,000	-	Zac Tomkins	Jul-24	Jun-25		Delayed due to rain, works scheduled to be complete Feb 2025
1160563	[N] Gallagher Upgrades	80,000	20,774	59,600	80,374	(374)	80,374	500,000	Damon Richardson	Jul-24	Jun-25		All works to be completed Q3
1159857	[R] Archer Park Railway Front Entry Renewal	130,000	16,894	-	16,894	113,106	60,000	-	Damon Richardson	Jul-24	Jun-25	Works scheduled to be completed	Rain delayed completion of works. Works scheduled to be completed Q3
1160565	[R] Bird Aviary Remesh	200,000	2,383	-	2,383	197,617	200,000	200,000	Damon Richardson	Oct-24	Jun-26		Quotes under evaluation
1160582	[N] Gracemere AMC - New Quarantine Donga	150,000	38,637	62,738	101,375	48,625	150,000	-					
1160343	[R] Southside 50m Pool lighting	7,500	7,123	-	7,123	377	7,500	18,500	Damon Richardson	Oct-24	Jun-26		
1160344	[N] Bajool Amenities Irrigation System	42,600	-	-	-	42,600	-	-	Damon Richardson				
1159260	Asset Disposal	144,000	12,289	32,113	44,402	99,598	200,000	200,000	Emma-Jane Dwyer	Jul-24	Jun-25		
1159863	[R] Trade Waste Renewals	79,000	14,420	-	14,420	64,580	82,000	700,000	Damon Richardson	Jul-24	Jun-25		Showgrounds quotes under evaluation to deliver in Q4
1159865	[N] Mount Morgan Local Heritage Register	12,000	3,821	3,995	7,816	4,184	12,000	-	Emma-Jane Dwyer				
1160357	[U] Athelstane disabled ramp	11,000	10,899	-	10,899	101	11,000	-	Damon Richardson				
1160655	Mop Scrubber	7,500	7,425	-	7,425	75	7,500	-					
1160675	[N] Victoria Park Cable Way	100,000	-	45,750	45,750	54,250	80,000	-					
1159870	[R] Kershaw Gardens Rapids Bridge	140,000	543	138,502	139,045	955	140,000	-	Zac Tomkins	Jun-24	Mar-25		Works commenced, due for completion Q4
1047097	[U] CCTV Camera Upgrades	100,000	99,530	139	99,669	332	100,000	450,500	Damon Richardson	Jul-24	Jun-25		Works complete, budget allocation exhausted
1126001	[U] Parks Electrical Assets	80,000	36,985	-	36,985	43,015	80,000	-	Damon Richardson	Nov-24	Nov-24	Works commenced	Works ongoing
1126032	[R] Mt Morgan Rail complex external works	60,000	8,170	29,100	37,270	22,730	60,000	-	Damon Richardson	Jul-24	Jun-25		Works delayed until Q4 due to contractor availability
1148908	[R] Schotia Place - Complete Internal repaint	46,000	41,650	-	41,650	4,350	42,000	-	Damon Richardson	Jul-24	Mar-25		Works complete
1148917	[R] Rockhampton Botanic Gardens - Residence repairs	80,000	50,815	-	50,815	29,185	80,000	-	Damon Richardson	Jul-24	Jun-25	Works ongoing	Works ongoing
1160449	[R] Juds Park Cricket Nets	40,000	36,580	-	36,580	3,420	40,000	-	Damon Richardson				
1148931	[R] Gracemere Community Hall - Internal Painting.	100,000	62,290	-	62,290	37,710	80,000	-	Damon Richardson	Jul-24	Mar-25		Materials order and arrived awaiting scheduling
1126038	[N] Mt Morgan Cemetery extension	100,000	21,574	3,950	25,524	74,476	100,000	320,000	Emma-Jane Dwyer	Jul-24	Jun-25		Detailed design commenced
1160703	[U] Aussie Gopher Drain Cleaning unit	-	5,303	-	5,303	(5,303)	5,303	-	Damon Richardson	Jul-24	Jun-25		
1159245	[U] Rockhampton Tennis - Stormwater remediation	-	163	28,094	28,257	(28,257)	163	250,000	Emma-Jane Dwyer				
1158824	[R/U] Fleet Gracemere Workshop Extensions		466	-	466	(466)	466	-	Emma-Jane Dwyer				
1148925	[R/D] Customs House - Internal Painting	-	514	-	514	(514)	514	-					
Subtotal - Community Assets & Facilities		**6,596,303**	**1,913,923**	**1,327,782**	**3,241,705**	**3,354,597**	**6,157,711**	**17,880,400**					
Communities & Culture													
1160520	HV Horse Shelter	55,000	-	-	-	55,000	55,000	-	Pat Lillieboe		Jun-25		Works not proceeding
1160521	Neilsens House Stage 2	60,000	-	-	-	60,000	60,000	-	Pat Lillieboe	Feb-25	Jun-25		Works to be completed Q3
1160522	Returf and Drainage Showgrounds Centre Ring	146,258	-	-	-	146,258	146,258	-	Mark Millett	Jul-24	TBC	Project scoping ongoing	Project scoping ongoing
1160523	Rockhampton Heritage Village - Internal Road Repairs	80,000	4,247	-	4,247	75,753	80,000	-	Pat Lillieboe	Nov-24	Nov-24		Works being rescoped
0946189	[N] Artwork acquisitions Art Gallery	45,000	16,870	-	16,870	28,130	45,000	290,000	Jonathan McBurnie	Jan-25	Jun-25		Ongoing
1159057	(N) Gold Patron Program - Art work	120,000	116,000	17,500	133,500	(13,500)	120,000	600,000	Jonathan McBurnie	Jul-24	Dec-54		Fundraising occurring
1159058	Commissioning Collective	85,000	-	-	-	85,000	85,000	300,000	Jonathan McBurnie	Jul-24			Fundraising occurring
1160526	Adjustment of Childcare Office Space	35,000	-	-	-	35,000	35,000	-	Kylie Hoare				Works planned awaiting scheduling to minimise impact to facility
0983857	[R] North Rockhampton Library	3,600	-	-	-	3,600	3,600	-	Samantha Shelbourn				May not be required
0983863	[R] City Occasional Child Care Centre	80,000	21,186	49,990	71,176	8,824	80,000	-	Kylie Hoare	Jul-24	Mar-25		Works planned awaiting scheduling to minimise impact to facility
0984138	[U] Pilbeam Theatre - Upgrade Sound System (Monitors)	40,000	38,273	-	38,273	1,727	40,000	-	Mark Millett	Jul-24	Sep-24		Completed
0984160	[N] RFID System Upgrade	36,000	-	-	-	36,000	36,000	-	Samantha Shelbourn				

								Quarter 2 Submissions					
Project Number	Project Description	Current Approved Budget	Current Year Actuals	Commitals	Actuals + Commitals	Remaining Budget	Budget 24/25 - Current Submission	Future Budget Submissions 25/26 Onwards	Project Manager	Estimated / Actual Commencement Month	Estimated Completion Month/ Quarter	Quarter 2 Comments	Quarter 3 Comments
0988081	[R] Pilbeam Theatre Overhead Stage Lighting Equipment	98,000	87,778	9,887	97,665	335	98,000	-	Mark Millett	Jul-24	Mar-25		Completed
1160375	Security Upgrade of Service Desk Library Technology Centre	6,800	6,799	-	6,799	1	6,800	-	Samantha Shelbourn	Jul-25	Dec-24		Completed
1047099	[R] Pilbeam Theatre Follow Spots	47,500	43,531	-	43,531	3,969	47,500	-	Mark Millett	Jul-24	Jul-24		Completed
1047102	[R] Replace Theatre Masking / Curtains / Drapes	80,000	79,701	-	79,701	299	80,000	-	Mark Millett	Jul-24	Nov-24		Completed
0983858	[R] Rockhampton Regional Library Renewal Program	-	11,691	300	11,991	(11,991)	-	-	Samantha Shelbourn				
1160374	History Centre Shelving Photo Neg Collection	-	1,742	-	1,742	(1,742)	-	-					
Subtotal - Communities & Culture		**1,018,158**	**427,817**	**77,677**	**505,494**	**512,664**	**1,018,158**	**1,190,000**					
Parks													
1148966	Upgrade Botanic Gardens Irrigation Network	100,000	-	68,000	68,000	32,000	100,000	1,000,000	Aaron Pont				Master Plan currently being drafted
0984064	[R] Irrigation Renewal Program	385,000	73,278	-	73,278	311,722	385,000	3,500,000	Gerard Young				Kele Park irrigation upgrade DA approved Jam 2025
0984079	[R] Footpaths Renewal Program	85,000	-	90,340	90,340	(5,340)	91,000	500,000	Damon Richardson	Jul-24	Jun-25		Works complete
1159759	Parks Traffic Management Improvements	420,000	1,064	-	1,064	418,936	420,000	480,000	Gerard Young				Currently out for tender.
1159250	[N] Construct new Park infrastructure	44,960	-	-	-	44,960	44,960	1,000,000					
1159253	[R] Dog Off Leash Areas	200,000	-	-	-	200,000	50,000	150,000	Damon Richardson	Jul-24	Jun-25		Scope to be finalised
1159254	Meerkat Shade - Additional shade for animal welfare and impr visitor experience	60,000	10,702	11,755	22,457	37,543	60,000	-	Emma-Jane Dwyer	Jul-24	Jun-25		AC installed
1159255	Perentie and Lace Monitor Shade - Additional shade shelter required for animal	25,000	2,434	11,755	14,189	10,811	25,000	-	Emma-Jane Dwyer	Jul-24	Jun-25		Works to be scoped
0580850	[N] Shade Construction Program	260,000	-	284,585	284,585	(24,585)	285,000	1,600,000	Damon Richardson	Jul-24	Jun-25		Works in progress
1148835	[N] Jardine Park Courts Upgrade Contribution	140,000	16,037	8,970	25,007	114,993	140,000	-	Zac Tomkins	Jul-24	Jun-25		Tender released
1158296	[N] Botanic Gardens - Improvements in Planting/Horticultural Displays	50,000	-	-	-	50,000	50,000	500,000	Aaron Pont				works planned to by undertaken this year
1158297	[N] Kershaw Gardens footpath renewal	140,000	125,001	-	125,001	14,999	126,000	-	Emma-Jane Dwyer	Jul-24	Dec-24		Works complete
1125999	[R] Water Fountain renewals	30,000	3,152	-	3,152	26,848	10,000	280,000	Damon Richardson	Jul-24	Jun-25		
1159756	Jefferies Park	-	3,334	-	3,334	(3,334)	3,400	-	Emma-Jane Dwyer				
1158299	[N] Northside Depot Improvements	-	16,738	4,500	21,238	(21,238)	22,000	-					
1148839	The Flats - Southsea Islander Hut	-	(0)	-	(0)	0	-	-	Emma-Jane Dwyer				
Subtotal - Parks		**1,939,960**	**251,740**	**479,905**	**731,645**	**1,208,315**	**1,812,360**	**9,010,000**					
Planning And Regulatory Services													
1148996	[R] Noise Meter	15,000	-	12,993	12,993	2,007	15,000	-	Doug Scott				Purchase complete. Remainder budget not required.
1159716	[N] AMC - Livestock shade structure and pig impounding shed	93,819	-	-	-	93,819	93,819	-	Damon Richardson	Jul-24	Jun-25		Waiting on design for trade waste. Works to be rescheduled for 25/26.
1160660	[N] Communities Contingency	160,000	-	-	-	160,000	160,000	480,000					
1126025	[R] Replacement Weed Spraying Equipment	40,000	-	-	-	40,000	40,000	130,000	Doug Scott				24/25 budget not required.
Subtotal - Planning And Regulatory Services		**308,819**	**-**	**12,993**	**12,993**	**295,826**	**308,819**	**610,000**					
Total - Community Projects		**9,863,240**	**2,593,481**	**1,898,357**	**4,491,838**	**5,371,402**	**9,297,048**	**28,690,400**					

12 NOTICES OF MOTION

Nil

13 QUESTIONS ON NOTICE

Nil

14 URGENT BUSINESS/QUESTIONS

Urgent Business is a provision in the Agenda for members to raise questions or matters of a genuinely urgent or emergent nature, that are not a change to Council Policy and can not be delayed until the next scheduled Council or Committee Meeting

15 CLOSURE OF MEETING