



# **INFRASTRUCTURE COMMITTEE MEETING**

## **AGENDA**

**4 OCTOBER 2023**

*Your attendance is required at an Infrastructure Committee meeting of Council to be held in the Council Chambers, 232 Bolsover Street, Rockhampton on 4 October 2023 commencing at 9:00am for transaction of the enclosed business.*

A handwritten signature in black ink that reads "R Chesman".

**ACTING CHIEF EXECUTIVE OFFICER**  
27 September 2023

Next Meeting Date: 07.11.23

**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.

**TABLE OF CONTENTS**

<b>ITEM</b>	<b>SUBJECT</b>	<b>PAGE NO</b>
<b>1</b>	<b>OPENING</b> .....	<b>3</b>
<b>2</b>	<b>PRESENT</b> .....	<b>3</b>
<b>3</b>	<b>APOLOGIES AND LEAVE OF ABSENCE</b> .....	<b>3</b>
<b>4</b>	<b>CONFIRMATION OF MINUTES</b> .....	<b>3</b>
<b>5</b>	<b>DECLARATIONS OF INTEREST IN MATTERS ON THE AGENDA</b> .....	<b>3</b>
<b>6</b>	<b>BUSINESS OUTSTANDING</b> .....	<b>4</b>
	NIL.....	4
<b>7</b>	<b>PUBLIC FORUMS/DEPUTATIONS</b> .....	<b>4</b>
	NIL.....	4
<b>8</b>	<b>PRESENTATION OF PETITIONS</b> .....	<b>4</b>
	NIL.....	4
<b>9</b>	<b>COUNCILLOR/DELEGATE REPORTS</b> .....	<b>4</b>
	NIL.....	4
<b>10</b>	<b>OFFICERS' REPORTS</b> .....	<b>5</b>
10.1	PROJECT DELIVERY CAPITAL PROJECT REPORT SEPTEMBER 2023.....	5
10.2	MONTHLY PROJECT STATUS REPORT FOR CIVIL OPERATIONS - AUGUST 2023.....	19
<b>11</b>	<b>NOTICES OF MOTION</b> .....	<b>37</b>
	NIL.....	37
<b>12</b>	<b>QUESTIONS ON NOTICE</b> .....	<b>37</b>
	NIL.....	37
<b>13</b>	<b>URGENT BUSINESS/QUESTIONS</b> .....	<b>37</b>
<b>14</b>	<b>CLOSED SESSION</b> .....	<b>38</b>
	15.1 ROCKHAMPTON SPORTS PRECINCT	
<b>15</b>	<b>CONFIDENTIAL REPORTS</b> .....	<b>39</b>
	15.1 ROCKHAMPTON SPORTS PRECINCT .....	39

---

16 CLOSURE OF MEETING .....40

**1 OPENING**

1.1 Acknowledgement of Country

**2 PRESENT**

Members Present:

The Mayor, Councillor A P Williams (Chairperson)  
Deputy Mayor, Councillor N K Fisher  
Councillor S Latcham  
Councillor C E Smith  
Councillor C R Rutherford  
Councillor M D Wickerson  
Councillor D Kirkland  
Councillor G D Mathers

In Attendance:

Mr R Cheesman – Acting Chief Executive Officer

**3 APOLOGIES AND LEAVE OF ABSENCE**

**4 CONFIRMATION OF MINUTES**

Minutes of the Infrastructure Committee held 5 September 2023

**5 DECLARATIONS OF INTEREST IN MATTERS ON THE AGENDA**

**6 BUSINESS OUTSTANDING**

Nil

**7 PUBLIC FORUMS/DEPUTATIONS**

Nil

**8 PRESENTATION OF PETITIONS**

Nil

**9 COUNCILLOR/DELEGATE REPORTS**

Nil

## 10 OFFICERS' REPORTS

### 10.1 PROJECT DELIVERY CAPITAL PROJECT REPORT SEPTEMBER 2023

**File No:** 7028  
**Attachments:** 1. [Capital Status Reports](#)  
**Authorising Officer:** Peter Kofod - General Manager Regional Services  
**Author:** Andrew Collins - Manager Project Delivery

---

#### SUMMARY

*Monthly Status Report on all projects currently managed by the Project Delivery Unit.*

#### OFFICER'S RECOMMENDATION

THAT the Project Delivery Monthly Report for September 2023 be received.

#### COMMENTARY

The Project Delivery section submits a monthly project report outlining the status of capital projects managed by the Unit.

The following projects are reported on for the month of September 2023:

- Botanic Gardens & Zoo Redevelopment
- Botanic Gardens & Zoo Redevelopment (Enclosure Renewal)
- Athelstane Reservoir Roof Replacement
- Glenmore Water Treatment Plant Roof Replacement
- Mount Morgan Pool
- Airport AHU Replacement
- North Rockhampton Sewage Treatment Plant Upgrade
- Gracemere & South Rockhampton STP Strategy
- Glenmore Water Treatment Plant Solar Farm
- Glenmore Water Treatment Plant Upgrade
- Mount Morgan Water Treatment Plant

# **PROJECT DELIVERY CAPITAL PROJECT REPORT SEPTEMBER 2023**

## **Capital Status Reports**

**Meeting Date: 4 October 2023**

**Attachment No: 1**



PD-PRO-2020-011 Botanic Gardens & Zoo Redevelopment

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Parks	<b>Project Manager:</b>	Jacob Weir & Darren Toohey	<b>Project Phase:</b>	Design & Construction
---------------------------	-------	-------------------------	----------------------------	-----------------------	-----------------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
Detail Design	<b>Project 1: Visitor Hub and Animal Operations Centre Detail Design:</b> The development of a detail design and 'for-construction' documentation for the Visitor Hub and the Animal Welfare Operations Centre within the Rockhampton Botanic Gardens & Zoo.	G	No scope change
Construction	<b>Project 2: Construction of RBGZ Visitor Hub and Animal Operations Centre</b> Construction of the Rockhampton Botanic Gardens & Zoo Visitor Hub and Animal Operations Centre, as per the Package 2 detail design works.	R	Major scope change
Design & Construction	<b>Project 3: Botanic Gardens Playground Renewal:</b> Package 3 includes the design and construction of a renewed playground facility within the Rockhampton Botanic Gardens & Zoo.	A	Minor scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
<b>Council Allocation:</b>	\$10,618,402	\$3,259,023	\$67,600	\$0	\$10,391,779	G	No financial change
<b>External Funding:</b>	\$3,100,000						
<b>Total Project Budget:</b>	\$13,718,402						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
Zoo Redevelopment - Botanic Gardens	12-Nov-21	20-Dec-23	12-Nov-21	05-Jun-24	17%	17%	G	No schedule change
Project 1: Visitor Hub Detail Design	12-Nov-21	02-Sep-22	12-Nov-21	16-Sep-22	100%	100%	G	No schedule change
Project 2: Construction Of RBGZ Visitor Hub (stage 1a Amenities)	15-Jun-23	20-Dec-23	15-Oct-23	05-Jun-24	0%	0%	R	Major schedule change
Project 3: BG Playground	18-Feb-22	16-Dec-22	18-Feb-22	30-May-23	100%	100%	G	No schedule change

**Project Milestones**

Project Milestones	Date
Project 2 Stage 1A - Construction: Tender closing date	27-September-2023
Project 2 Construction: Tender evaluation & negotiation	04-October-2023
Project 2 Construction: Finalization of contract /Contract Award	09-October-2023
Project 2 Construction: Completion of Construction of RBGZ Visitor Hub Stage 1a Amenities and deck	05-June-2024

**Commentary**

**Project 1** - Visitor Hub Construction: Project and design documentation staging has been completed. (Stage 1: Visitor Hub, Stage 2: Animal Operations Centre).

**Project 2** - A revised tender package for stage 1 was released to market and closed on the 10th May 2023. The Project tender received significantly high tender prices from market. A report was presented to council on 25th of July. The resolution for this meeting was to restage to divide Stage 1 into Stage 1a - Rockhampton Botanic Gardens and Zoo - Construction of Amenities Facility and Stage 1b - multipurpose building. The Stage 1a (New Amenities & Deck) tender package has been called closing 4 October 2023

**Project 3** - Includes the design and construction of a renewed playground facility, This was completed on the 30th March 2023.

PD-PRO-2020-011 Botanic Gardens & Zoo Redevelopment Zoo Enclosure Renewal Program

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Parks	<b>Project Manager:</b>	Darren Toohey	<b>Project Phase:</b>	Design & Construction
---------------------------	-------	-------------------------	---------------	-----------------------	-----------------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
<b>Enclosure Refurbishment Program</b> Design and construction of a series of existing animal enclosures to suit a new animal species.			
Design & Construction	<b>Project 1</b> - Gibbon Enclosure Renewal.	G	No scope change
Design & Construction	<b>Project 2</b> - Design and construct a New Eagle Enclosure.	G	No scope change
Detail Design	<b>Project 3</b> - Refurbishment of existing Dome Aviary and repurpose to a Lemur enclosure.	G	No scope change
Preliminary Evaluation	<b>Project 4</b> – Repurposing existing unused Jungle Python enclosure to a new enclosure.	G	No scope change
Construction	<b>Project 5</b> – Repurposing existing Dome enclosure to a new enclosure.	G	No scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
<b>Council Allocation:</b>	\$540,795	\$816,484	\$32,650	\$0	\$231,661	G	No financial change
<b>External Funding:</b>	\$540,000						
<b>Total Project Budget:</b>	\$1,080,795						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
<b>Zoo Enclosure Renewals - Botanic Gardens</b>	18-Feb-22	01-Oct-25	18-Feb-22	25-Jun-25	29%	29%	A	Minor schedule change
Project 1 - Gibbon Enclosure	09-Aug-22	01-Oct-22	09-Aug-22	30-Sep-22	100%	100%	A	Minor schedule change
Project 2 - Eagle Enclosure Design & construct	07-Jul-22	23-Apr-23	01-Aug-22	11-Aug-23	100%	100%	A	Minor schedule change
Project 3 - Dome Detailed Design	10-Aug-23	10-Dec-23	10-Aug-23	19-Mar-24	40%	40%	G	No schedule change
Project 4 - Animals Enclosure	18-Feb-22	16-Dec-22	18-Feb-22	30-Mar-23	100%	100%	A	Minor schedule change
Project 5 - Future Development Construction - Dome	01-Oct-23	01-Oct-25	25-Jul-24	25-Jun-25	0%	0%		

Project Milestones	Date
Project 1 - Gibbon Enclosure Renewal - Completion	30-September-2022
Project 2 - Design completion	20-February-2023
Project 2 - Construction completion	11-August-2023
Project 3 – Detailed Design completion	20-December-2023

**Commentary**

**Project 1** - Gibbon Enclosure Renewal was completed in September 2022.

**Project 2** - Design and Construct of New Eagle enclosure reached Practical completion on 11th of August. The Eagle was relocated to new enclosure on 24th August.

**Project 3** - Detailed design for Dome Aviary enclosure is underway and funding application is processed and waiting for approval.

**Project 4** - New Enclosure Preliminary Evaluation has been completed and a budget put forward for consideration

**Project 5** - Project estimation for the Dome refurbishment is \$2,000,000. A funding application has been submitted to Growing Regions Program this project.

PD-PRO-2022-006 Athelstane Reservoir Roof Replacement

Monthly Status Report

Sep-2023

Project Management					
<b>Council Custodian:</b>	Fitzroy River Water	<b>Project Manager:</b>	Darren Toohey	<b>Project Phase:</b>	Design & Construction

Project Scope			
Activity	Scope	Traffic Light	Scope Change
Design & Construction	Scope of works for the project is the replacement of rusted structural members and replacement of rusted roof including installation of new ventilation to reservoir.	G	No scope change

Project Funding and Finance							
Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
<b>Council Allocation:</b>	\$1,550,135	\$200,635	\$1,245,743	\$0	\$103,758	G	No financial change
<b>External Funding:</b>	\$0						
<b>Total Project Budget:</b>	\$1,550,135						

Project Schedule								
Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
<b>Athelstane Reservoir Roof Replacement</b>	01-Feb-23	20-Sep-23	01-Feb-23	30-Jun-24	10%	10%	G	No schedule change
Procurement of contractor	01-Feb-23	09-May-23	01-Feb-23	09-May-23	100%	100%	G	No schedule change
Re-Design	07-Jun-23	26-Jun-23	07-Jun-23	26-Jun-23	100%	100%	G	No schedule change
Construction	10-May-23	20-Sep-23	30-Mar-24	30-Jun-24	0%	0%	R	Major schedule change

Project Milestones	Date
Tender Release	17-February-2023
Tender Close	12-April-2023
Contract award	24-May-2023
Re-design	15-June-2023
Construction Procession of Site date	30-March-2024
Construction completion	30-June-2024

Commentary
Order placed on Contractor, Due to unavailability of materials in Australia till late 2023, Project has been rescheduled to start April 2024 and completed by 30 June 2024. To align with lower water demand periods.

PD-PRO-2023-007 GWTP Roof replacement

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Fitzroy River Water	<b>Project Manager:</b>	Darren Toohey	<b>Project Phase:</b>	Design & Construction
---------------------------	---------------------	-------------------------	---------------	-----------------------	-----------------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
Design & Construction	<b>Stage 1: Assessment, Design and construction of the Following Items:</b> 1- condition assessment for administration roof and roof over filter gallery 2- Admin and Chemical Store Roof replacement in addition to removal, replacement and relocation of air conditioning units as required	G	No scope change
Construction	<b>Stage 2: Filter Gallery Roof replacement</b>	G	No scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
<b>Council Allocation:</b>	\$2,000,000	\$6,397	\$57,335	\$0	\$1,936,269	G	No financial change
<b>External Funding:</b>	\$0						
<b>Total Project Budget:</b>	\$2,000,000						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
GWTP Roof replacement	01-Aug-23	30-Jun-24	01-Aug-23	30-Jun-24	1.0%	1.0%	G	No schedule change
Inspection and Design Stage 1,2 (Admin and Chemical Room)	01-Aug-23	15-Sep-23	01-Aug-23	15-Sep-23	100%	100%	G	No schedule change
Tender process Stage 1	01-Sep-23	15-Sep-23	01-Sep-23	15-Sep-23	100%	100%	G	No schedule change
Construction Stage 1	15-Oct-23	20-Dec-23	15-Oct-23	20-Dec-23	0%	0%	G	No schedule change
Tender Process and construction of Stage 2 (Filter Gallery Shed)	01-Mar-24	30-Jun-24	01-Mar-24	30-Jun-24	0%	0%	G	No schedule change

**Project Milestones**

	Date
Completion of inspection and design stage 1,2	25-September-2023
Completion of Tender process Stage 1	30-September-2023
Completion of Construction Stage 1	10-December-2023
Completion of Tender Process Stage 2	05-April-2024
construction of Stage 2 completion	30-June-2024

**Commentary**

Condition assessment and inspection of roof by hydraulic consultant has been completed. A hydraulic report will be supplied by mid September.
Tender package released Friday 25 August for the roof replacement to the Administration building & Chemical store at the complex.
Order placed on Airconditioning contractor, Waiting for program of works for removal of aircon plant off roof.

PD-PRO-2021-006 Mount Morgan Pool

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Community Assets & Facilities	<b>Project Manager:</b>	Daniel Farlow	<b>Project Phase:</b>	Design & Construction
---------------------------	-------------------------------	-------------------------	---------------	-----------------------	-----------------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
Design & Construction	The existing pool and supporting facilities and infrastructure at the current Mount Morgan Pool site have reached the end of their viable service life and do not provide what is required for a contemporary aquatic centre that meets the needs of the community. <ul style="list-style-type: none"> <li>• Demolition of existing structures on site;</li> <li>• Site upgrade – power, sewer, water;</li> <li>• Construction of New pool, New plant shed and installation of water harvesting plant equipment, Shade structures, Splash pad and shade structures, Change rooms, amenities and entry kiosk</li> <li>• Installation of portable grandstands;</li> <li>• Landscaping, lighting and fencing;</li> <li>• Car park resurfacing and</li> <li>• Water filling.</li> </ul>	G	No scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
Council Allocation:	\$2,000,000	\$1,266,372	\$4,649,590	\$0	\$584,038	G	No financial change
External Funding:	\$4,500,000						
<b>Total Project Budget:</b>	\$6,500,000						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
Mt Morgan Pool Replacement	21-Feb-23	19-Feb-24	21-Feb-23	19-Feb-24	28%	18%	G	No schedule change

**Project Milestones**

	Date
Grant Submission	27-August-2021
Tender Award	31-January-2023
Detailed Design Complete	01-June-2023
Construction Commence	17-July-2023
Commissioning (TBC)	19-February-2024

**Commentary**

Pool construction underway, forming and reinforcement works for the base slab ongoing
Pump room and Amenity block footings complete. Under slab services being installed. Forming and reinforcement works for the slabs ongoing

PD-PRO-2023-005 Air Handling Unit Replacement

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Airport	<b>Project Manager:</b>	Andrew Collins	<b>Project Phase:</b>	Design & Construction
---------------------------	---------	-------------------------	----------------	-----------------------	-----------------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
Design & Construction	Replacement of two AHUs at Rockhampton Airport. Both unit are chilled water air handling units and serve the North and South landside concourse respectively.	G	No scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
<b>Council Allocation:</b>	\$502,000	\$5,134	\$500,810	\$0	-\$3,944	G	No financial change
<b>External Funding:</b>	\$0						
<b>Total Project Budget:</b>	\$502,000						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
<b>Air Handling Unit Replacement</b>	30-May-23	18-Sep-23	30-May-23	18-Sep-23	40%	40%	G	No schedule change
Design & Engineerin	30-May-23	27-Jun-23	30-May-23	27-Jun-23	100%	100%	G	No schedule change
Procurement of Equipment	27-Jun-23	18-Sep-23	27-Jun-23	18-Sep-23	100%	100%	G	No schedule change
Demolition & Installation & Commissioning	20-Sep-23	24-Nov-23	20-Sep-23	24-Nov-23	0%	0%	G	No schedule change

**Project Milestones**

	Date
Design and Procurement	01-September-2023
AHU 1 Complete	10-November-2023
AHU 2 Compete	08-December-2023
Commissioning and Testing	15-December-2023

**Commentary**

Contractor Established to site
Preliminary works underway in preparation for new AHUs

PD-PRO-2020-009 North Rockhampton Sewage Treatment Plant Upgrade

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Fitzroy River Water	<b>Project Manager:</b>	Andrew Collins	<b>Project Phase:</b>	Construction
---------------------------	---------------------	-------------------------	----------------	-----------------------	--------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
Construction	The scope of works includes a range of electrical, mechanical, civil, building, and structural works to upgrade and augment the North Rockhampton Sewage Treatment Plant to support a 75,000 EP capacity. Process improvements to the existing facility have also been added to the scope	G	No scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
<b>Council Allocation:</b>	\$76,540,000	\$32,407,875	\$21,535,068	\$0	\$31,057,057	G	No financial change
<b>External Funding: (W4Q)</b>	\$6,460,000						
<b>External Funding: (BOR)</b>	\$2,000,000						
<b>Total Project Budget:</b>	\$85,000,000						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
North Rockhampton STP	19-Apr-21	15-Dec-26	19-Apr-21	15-Dec-26	42%	41%	G	No schedule change
Part A&B - Design Modifications	19-Apr-21	29-Jul-21	19-Apr-21	29-Jul-21	100%	100%	G	No schedule change
Part A&B - Tender Process of Construction	25-Aug-21	17-Dec-21	25-Aug-21	11-Mar-22	100%	100%	G	No schedule change
Part A&B - Construction of New Process & Upgrade of 2 Existing Process	11-Mar-22	17-Oct-24	11-Mar-22	07-Jan-25	63%	61%	A	Minor schedule change
Part C - Future Proffing Element Design, Documentation & Procurement	01-Apr-23	30-Oct-24	01-Apr-23	30-Oct-24	17%	12%	A	Minor schedule change
Part C - Future Proffing Element - UV and Filtration	01-Jul-24	15-Dec-26	01-Jul-24	15-Dec-26	0%	0%		

**Project Milestones**

	Date
Land Acquisition [RJC]	01-December-2021
Tender award.	01-March-2022
Completion of all Works Associated with the NRSTP Upgrade Part A	01-January-2024
Completion of Process Proving New Plant	01-February-2024
Commence Work Part B (Existing Plant)	02-February-2024
Completion of Upgrade Ditch No. 1 (Existing Plant)	01-August-2024
Completion of Upgrade Ditch No. 2 (Existing Plant)	01-February-2025

PD-PRO-2020-009 North Rockhampton Sewage Treatment Plant Upgrade

Monthly Status Report

Sep-2023

Commentary
Minor crack repairs completed to water retaining structures, these have been retested and a satisfactory out come achieved.
Platform, bridges and walkways installation continues. Decks completed connecting the Blower and HV buildings and across the bioreactor
New Part B blower room, all piles completed and all columns FRP. Under curing
Cabling being installed to cable trays on perimeter walls and access structures continues. New Blower MCC installed and cables being terminated. Control panels at inlet works being installed.
New Generator landed and diesel tank on site
Design developed and VPR's issued for new centrifuge, road net work and dosing building.



PD-PRO-2020-010 Gracemere & South Rockhampton STP Strategy

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Fitzroy River Water	<b>Project Manager:</b>	Andrew Collins	<b>Project Phase:</b>	Design & Construction
---------------------------	---------------------	-------------------------	----------------	-----------------------	-----------------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
Design & Construction	The scope of works covers the implementation of short-term measure to stabilise both the Gracemere and South Rockhampton Sewerage treatment plants	G	No scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
Council Allocation:	\$16,603,656	\$3,472,744	\$1,098,441	\$0	\$12,032,471	G	No financial change
External Funding:	\$0						
<b>Total Project Budget:</b>	\$16,603,656						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
Gracemere & South STP Strategy	01-Aug-22	30-Jun-25	01-Aug-22	30-Jun-25	36%	33%	G	No schedule change
Design Development	01-Aug-22	30-Nov-23	01-Aug-22	30-Nov-23	85%	78%	G	No schedule change
Construction	01-Nov-22	30-Jun-25	01-Nov-22	30-Jun-25	33%	31%	G	No schedule change

**Project Milestones**

	Date
Install Penstocks	30-November-2022
Condition Assessment (diffusers)	28-March-2023
SRSTP Design Completion	01-November-2023
New Caustic soda dosing system at SRSTP	28-August-2024

**Commentary**

Current work relates to developing and implementation of stages to be able to realise the strategic plan. A consultant has been engaged to develop the design strategy for both Gracemere and South Rocky STP's. Design work on the existing SRSTP plant to take increase load from Gracemere is currently underway. 3D model developed, SID work shops held.

Installation of Penstocks in bioreactors at SRSTP has been completed.

Installation of recycled water PS at SRSTP underway. Pump station structure installation and cut in now completed. Electrical works to be finalised. Anticipated late September.

Defective diffusers at SRSTP now replaced.

Upgrade of Sludge Lagoons both at SR & G STPS (Gracemere works complete / NRSTP underway 75% scope increased / SRSTP work complete). Geobags at NRSTP are being processed (emptied)

Variation order issued to Haslin for new aerator install at GSTP. Surface blowers relocated, new blower installed, switchboard livened up.

PD-PRO-2020-007 Glenmore Water Treatment Plant Upgrade

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Fitzroy River Water	<b>Project Manager:</b>	Peter Bendall	<b>Project Phase:</b>	Design & Construction
---------------------------	---------------------	-------------------------	---------------	-----------------------	-----------------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
Design & Construction	The Glenmore Water Treatment Plant (GWTP) Upgrade Project incorporates a range of electrical, mechanical, building and structural works to renew and/or upgrade parts of the GWTP	G	No scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
<b>Council Allocation:</b>	\$57,000,757	\$14,917,605	\$4,560,990	\$0	\$37,522,161	G	No financial change
<b>External Funding:</b>	\$0						
<b>Total Project Budget:</b>	\$57,000,757						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
<b>GWTP Upgrade</b>	<b>01-Mar-21</b>	<b>09-Dec-22</b>	<b>01-Apr-21</b>	<b>24-Dec-27</b>	<b>25%</b>	<b>25%</b>	<b>R</b>	Major schedule change
Design of GWTP	01-Mar-21	01-Nov-21	01-Apr-21	01-May-22	100%	99%		
Stage 1 Construction of GWTP - Upgrade	01-Oct-21	09-Dec-22	01-Feb-22	01-Jul-24	82%	81%	<b>R</b>	Major schedule change
Stage 2 GWTP Upgrade	01-Aug-23	01-Aug-25	01-Jul-24	24-Dec-27	0%	0%		

**Project Milestones**

Project Milestones	Date
Submission of 70% design	01-December-2021
Site Establishment & Construction commencement	01-February-2022
Submission of 100% design	01-May-2022
Construction Completion	01-July-2024

**Commentary**

New main switch room construction complete [in old dosing area] Switchboard installed - connection progressing.
Filter No.7 – Completed - back online
Filter No.4 – Completed - back online
Filter No.5 – Base slab poured. Underdrain set - out and installation commenced
Filter No.6 - pre-works completed. Media removal imminent
Lime System Upgrade commenced
SCADA and Network cutover commenced
Stage 2 Sedimentary Tanks. Detailed planning underway for upgrade package

PD-PRO-2021-009 GWTP Solar Farm

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Fitzroy River Water	<b>Project Manager:</b>	Nathan Everton	<b>Project Phase:</b>	Construction
---------------------------	---------------------	-------------------------	----------------	-----------------------	--------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
The project has been split into a Civil Works Package to prepare the site and the solar installation scope.			
Design & Construction	Finalise the Design and construct a small-scale solar power generation facility (solar facilities) at the Glenmore Water Treatment Plant.	G	No scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
<b>Council Allocation:</b>	\$6,313,458	\$4,936,814	\$1,213,235	\$0	\$163,409	G	No financial change
<b>External Funding:</b>	\$0						
<b>Total Project Budget:</b>	\$6,313,458						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
<b>GWTP Solar-Sustainable Rockhampton</b>	01-Dec-21	01-Dec-23	01-Dec-21	18-Mar-24	77%	76%	G	No schedule change
Revegetation Works	01-Dec-21	01-Jan-21	01-Dec-21	01-Jan-21	100%	100%	G	No schedule change
Design and Construction - Civil	01-Jan-22	01-Apr-22	01-Jan-22	01-Apr-22	100%	100%	G	No schedule change
Delivery of Solar tracker	01-Jul-22	01-Jul-22	01-Jul-22	01-Jul-22	100%	100%	G	No schedule change
Finalize design and construction of Solar generation Plant	01-Sep-22	01-Dec-23	01-Sep-22	18-Mar-24	71%	70%	A	Minor schedule change

**Project Milestones**

	Date
Original Contract Termination	20-October-2021
Design and Construction – Civil [Completion]	01-April-2022
Delivery of Solar Tracker Equipment/System	01-July-2022
Tender	01-October-2022
Electrical Design works commenced	01-December-2022
Onsite works has commenced	01-April-2023

**Commentary**

GEM Liaison with Ergon energy for connection to grid
Civil works for Inverter pad continues
Installation of Tracking system equipment completed
Installation of the Solar panels has been completed
Inverter station nearing completion

PD-PRO-2022-007 Mt Morgan Water Treatment Plant

Monthly Status Report

Sep-2023

**Project Management**

<b>Council Custodian:</b>	Fitzroy River Water	<b>Project Manager:</b>	Jonathan Magabatela	<b>Project Phase:</b>	Construction
---------------------------	---------------------	-------------------------	---------------------	-----------------------	--------------

**Project Scope**

Activity	Scope	Traffic Light	Scope Change
Construction	The assessment and refurbishment of the package clarifier and filter and associated components including but not limited to the backwash pump and air scour blower. Recommissioning the MMWTP following the repairs of the package system.	G	No scope change

**Project Funding and Finance**

Funding Source	Funding Amount	Project Life				Traffic Light	Monthly Update
		Actuals	Committals	Forecast	Remaining Budget		
<b>Council Allocation:</b>	\$447,085	\$462,365	\$0	\$0	-\$15,280	G	No financial change
<b>External Funding:</b>	\$0						
<b>Total Project Budget:</b>	\$447,085						

**Project Schedule**

Scope	Baseline		Forecast/Actuals				Traffic Light	Schedule Update
	Start	Finish	Start	Finish	Plan%	% Complete		
Mt Morgan WTP Renewal	25-Nov-22	07-Apr-23	09-Jan-23	21-Jul-23	100%	100%	G	No schedule change

**Project Milestones**

	Date
Contract Award	25-November-2022
Site Possession	09-January-2023
Clarifier & Filters (Phase1)	03-May-2023
Practical Completion	21-July-2023
Recommissioning (Phase 2)	31-August-2023

**Commentary**

Practical Completion achieved on 21/07/23.
Extra lamella tubes delivered on 15th August 2023.
Damaged lamella tubes replaced.
Damaged cable channel repaired.
Final commissioning of the WTP by FRW is in progress.

**10.2 MONTHLY PROJECT STATUS REPORT FOR CIVIL OPERATIONS - AUGUST 2023**

**File No:** 7028  
**Attachments:** 1. **Monthly Project Status Report - August 2023**[↓](#)  
**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 August 2023 be received.

**COMMENTARY**

The Civil Operations section submits a monthly project 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 August 2023:

- Unsealed Road Network
- Capital Works Program 2023/2024
- Hanrahan Crossing – Causeway Upgrade
- Scrubby Creek Bridge Replacement
- River Rose Drive – New Road Construction
- Campbell Street (Albert Street to Cambridge Street) – Reconstruction

**MONTHLY PROJECT STATUS REPORT  
FOR CIVIL OPERATIONS  
AUGUST 2023**

**Monthly Project Status Report  
August 2023**

**Meeting Date: 4 October 2023**

**Attachment No: 1**

# CIVIL OPERATIONS

## Monthly Project Report – August 2023



### UNSEALED ROAD NETWORK

During the month of August 2023, approximately 38 kms of roads were graded and a further 3 kms of gravel re-sheet programmed with approximately 100mm of gravel to improve wet weather trafficability.

Completed – August 2023			
Road Name	Area	Total Length Graded	Total Length Re-sheeted
Comanche Road	Glenroy-Marlborough	10.0 kms	
Cranston Road	Gracemere	1.2 kms	
Pink Lily Area	Pink Lily	6.5 kms	
River Road	Port Curtis	5.0 kms	

In Progress – August 2023			
Road Name	Area	Remaining Length to be Graded	Remaining Length to be Re-sheeted
Glenroy-Marlborough Road	Glenroy	22.0 kms	5 kms
Hanrahan Road	Morinish South	5.0 kms	
Kabra Area	Kabra Area	7.0 kms	
Rookwood Road	Gogango	6.0 kms	4.5 kms
Rosewood Road	Wycarbah	22.0 kms	3.5 kms

Roads Programmed During September 2023	
<ul style="list-style-type: none"> <li>Casuarina Road, Midgee</li> <li>Glenroy-Marlborough Road, Glenroy</li> <li>Gracemere Area</li> <li>Hanrahan Road, Morinish South</li> <li>Kabra Area</li> <li>Moore Road, Gracemere</li> <li>Ohio Road, Gogango</li> </ul>	<ul style="list-style-type: none"> <li>Richards Road, Glenroy</li> <li>Rookwood Road, Gogango</li> <li>Rosewood Road, Wycarbah</li> <li>Stanley Road, Gracemere</li> <li>Watts Road, Gracemere</li> <li>William Palfrey Road, Parkhurst</li> </ul>



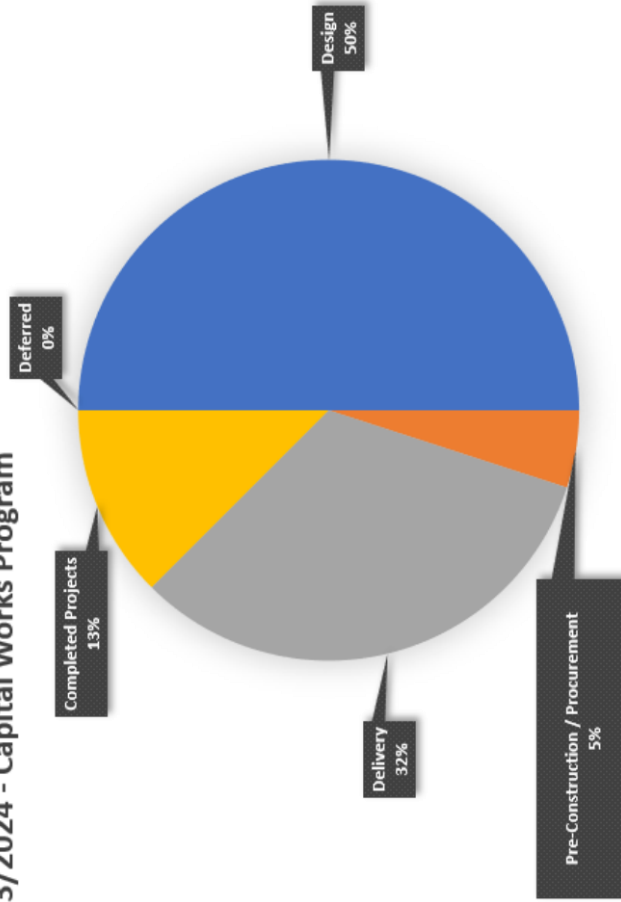
*Photos of Rookwood No. 2 Pit - Gravel crushing in production for planned re-sheeting on unsealed roads*



**CAPITAL WORKS PROGRAM 2023-2024**

Summary (by project status)

**2023/2024 - Capital Works Program**



Design

Comment

2023/2024 Bus Stop Shelter Program (BSSP Funding)

30% bus stop slab designs completed

2023/2024 Passenger Transport Accessible Infrastructure Program (PTAIP Funding)

Design		Comment
Alexandra Street – Birkbeck Drive to William Palfrey Road – New Construction		
Archer Street Drainage Scheme - Stage 1 – Stormwater (PACP Funding)		
Archer Street Drainage Scheme - Stage 2 – Stormwater (PACP Funding)		
Canning Street / Derby Street / Upper Dawson Road - Intersections Upgrade - Blackspot Funding		<i>Design underway</i>
Denham Street / Murray Street - Intersection Upgrade - Blackspot Funding		<i>Survey completed</i>
Denham Street / Talford Street - Intersection Upgrade - Blackspot Funding		<i>Survey completed</i>
Denham Street / West Street - Intersection Upgrade - Blackspot Funding		<i>Survey completed</i>
Derby Street / Kent Street / Denison Street - Intersections Upgrade - Blackspot Funding		<i>Survey completed</i>
Frenchville State School – Set Down Area (STIP Funding)		
Glenroy Road – Fitzroy River Bridge		
Glenroy Road Upgrade		
Lion Mountain Road - Sealing		
Morgan Street, Kabra - Drainage Improvement		
Mount Archer State School – Wiltshire Street Footpath (STIP Funding)		
Parkhurst Industrial Area - Wade Street (Alexandra Street to McLaughlin Street) – Reconstruction (HVSPF Funding)		
Rockhampton Grammar School – Quarry Street Footpath (STIP Funding)		
St Joseph's Primary School – White Street Footpath (STIP Funding)		
Well Station Creek Road, Wycarbah - Floodway		
<b>Pre-Construction / Procurement</b>		
	<b>Estimated Start Date</b>	<b>Comment</b>

Annual Reseal Program – Spray Seals				Preparing tender documentation
Annual Reseal Program – Micro-surfacing (Slurry Seals)				Preparing tender documentation
<b>Delivery</b>				
	<b>Actual Start Date</b>	<b>Estimated Completion Date</b>	<b>Comment</b>	
Annual Reseal Program – Asphalt Resurfacing	July 2023	June 2024	10% completed	
Berserker Street – Elphinstone to Leamington – Road Rehabilitation	August 2023	October 2023	50% completed	
Campbell Street (Cambridge Street to Albert Street) - Reconstruction (LRCI Funding)	January 2023	September 2023	Refer to Major Projects Update below	
Dale Park - Access Road Improvements	August 2023	September 2023	30% completed	
Eton Street (Denham Street to end) – Road Reconstruction	July 2023	September 2023	80% completed	
Hanrahan Crossing – Floodway Construction	May 2023	October 2023	Culverts and floodway completed – roadworks underway	
Norman Road (Farm Street to Cedar Drive) – Footpath – CNLGGP Funding	August 2023	September 2023	50% completed	
North Rockhampton Flood Mitigation (NRFM) – pumping points	October 2023	April 2024		
Quay Lane – North to Albert Street – Stormwater drainage	September 2023	December 2023		
River Rose Drive – New Road Construction (LRCI Funding)	December 2022	December 2023	Refer to Major Projects Update below	
Scrubby Creek Bridge – Old Capricorn Highway (Bridge Rehabilitation Program)	August 2023	February 2024	Refer to Major Projects Update below	
Stanwell-Waroula Road - Sealing (RRUPP Funding)	October 2023	August 2024		
Unsealed Road Gravel Program	July 2023	June 2024		
<b>Completed Projects</b>				
Caribea Estate - Drainage - Stage 3 (Inlets)				

**Completed Projects**

Limestone Creek Diversion - Stormwater - Open Channel Construction

Lower Dawson Road, Allenstown (No. 311 Lower Dawson Road to Jellicoe Street) - Footpath

North Rockhampton State High School – Robinson Street – Footpath (STIP Funding)

Stanley Street / East Street - Intersection Upgrade (Blackspot Funding)

**Deferred Projects**

**MAJOR PROJECTS UPDATE**

**Hanrahan Crossing - Causeway Upgrade**

<b>Scope</b>	<p>Hanrahan's Crossing is currently an existing low-level water crossing on the Fitzroy River and is part of the Rookwood Weir Project early works. This project is upgrading Hanrahan Crossing to a standard that can manage specified environmental flow events released from the Rookwood Weir Project.</p> <p>The scope of work includes:</p> <ul style="list-style-type: none"> <li>• Construction of new causeway crossing (install new 110m x 4.8m concrete floodway-box culvert structure);</li> <li>• Construction of approach road on right bank with new alignment;</li> <li>• Construction of approach road on sandbank and left bank with new alignment;</li> <li>• Construction of "rock ramp" fishway at existing crossing structure;</li> <li>• Civil works preparation for a new gauging station;</li> <li>• Removal of access roads to existing crossing structure.</li> </ul>
--------------	--

<b>Commencing Estimate</b>	\$1.71M	<b>Revised Budget</b>	\$1.71M	<b>Last Month</b>		<b>This Month</b>	
----------------------------	---------	-----------------------	---------	-------------------	--	-------------------	--

**On the Horizon – Key Milestones & Deliverables**

<b><u>September</u></b>	<b><u>October</u></b>	<b><u>November</u></b>
<ul style="list-style-type: none"> <li>• Install new causeway crossing RCBC and pour top concrete slab</li> <li>• Approach concrete floodway work</li> </ul>	<ul style="list-style-type: none"> <li>• Construction of approach roads</li> </ul>	<ul style="list-style-type: none"> <li>• Removal of access roads to existing crossing structure</li> </ul>

<b>Comments</b>	Remaining construction work expedited as river water level heights have reduced to allow a good access and reducing the risk of environmental harm.
-----------------	---











Scrubby Creek Bridge Replacement						
<b>Scope</b>	The works to be undertaken will include the demolition of the existing single lane bridge on Scrubby Creek, Old Capricorn Highway and replacement with a double lane box culvert. This will also include the reconstruction of approximately 150m of the Old Capricorn Highway. This will improve safety and remove the load limit currently in place. This project is 80% funded by the Federal Government under the Bridge Renewal Program.					
<b>Commencing Estimate</b>	\$1.95M	<b>Revised Budget</b>	\$ 1.95M	<b>Last Month</b>		<b>This Month</b>
On the Horizon – Key Milestones & Deliverables						
<b>September</b>	<b>October</b>		<b>November</b>			
<ul style="list-style-type: none"> <li>Excavating for base slab and potholing for services</li> <li>Pouring blinding slabs and base slab</li> </ul>	<ul style="list-style-type: none"> <li>Place precast culverts wingwalls and construct upstream and downstream aprons/cut off walls</li> </ul>		<ul style="list-style-type: none"> <li>Construct headwalls</li> <li>Backfilling structure</li> </ul>			
<b>Comments</b>	<p>When the design was completed the estimate of costs was \$1.2M based on the most recent data available. Prior to commencement of work this was revised to \$1.95M based on updated pricing of materials, contractors, and internal costs.</p> <p>Extra excavation and concrete works will be necessary. This is due to a watermain which conflicts with the bottom of the downstream wingwall.</p>					





*Pouring of blinding slab*

**River Rose Drive – New Road Construction**

**Scope** The works to be undertaken to link the two existing sections of River Rose Drive, Norman Gardens include the construction of a new road (including all underground services) and a roundabout with a connection point for a future extension to Stringybark Avenue, Norman Gardens.

<b>Commencing Estimate</b>	\$2.25M	<b>Revised Budget</b>	\$2.5M	<b>Last Month</b>		<b>This Month</b>	
----------------------------	---------	-----------------------	--------	-------------------	--	-------------------	--

**On the Horizon – Key Milestones & Deliverables**

<p><b>September</b></p> <ul style="list-style-type: none"> <li>• Continue street lighting conduits</li> <li>• Complete kerb and channel to Bunnings</li> <li>• Complete driveway works at Bunnings</li> <li>• Commence footpath from Bunnings</li> <li>• Complete pavement from Bunnings to new roundabout</li> <li>• Commence power and communication conduiting in River Rose Drive</li> </ul>	<p><b>October</b></p> <ul style="list-style-type: none"> <li>• Complete street lighting for River Rose Drive</li> <li>• Commence pavement excavation for Stringybark Avenue, pending acceptance of Private Works Quote</li> <li>• Complete power and communication conduiting in River Rose Drive</li> <li>• Install stormwater infrastructure in Stringybark Avenue, pending acceptance of Private Works Quote</li> <li>• Commence street lighting for Stringybark Avenue, pending acceptance of Private Works Quote</li> </ul>	<p><b>November</b></p> <ul style="list-style-type: none"> <li>• Spray seal River Rose Drive</li> <li>• Complete kerb and channel for River Rose Drive</li> <li>• Construct pavement for Stringybark Avenue, pending acceptance of Private Works Quote</li> </ul>
--	--	--

**Comments** Council has provided the Developer a Private Works Quote to undertake Stringybark Avenue connection off River Rose Drive. If the Private Works Quote is accepted, this additional work will push the completion date for this project through to end of January 2024, pending weather.





Campbell Street (Albert Street to Cambridge Street) - Reconstruction						
<b>Scope</b>	The works to be undertaken will include replacement of the kerb and channel on both sides of the road. Pavement replacement and improvements followed by an asphalt seal and garden beds. The project is 100% funded under the Local Roads and Community Infrastructure Program.					
<b>Commencing Estimate</b>	\$1.0M	<b>Revised Budget</b>	\$1.3M	<b>Last Month</b>		<b>This Month</b>
<b>On the Horizon – Key Milestones &amp; Deliverables</b>						
<b>September</b>		<b>October</b>				
<ul style="list-style-type: none"> <li>• Complete garden beds</li> <li>• Complete all associated road works with Council controlled road reserve with the exception of line marking</li> <li>• Commence works at the intersection on behalf of DTMR</li> </ul>		<ul style="list-style-type: none"> <li>• Complete DTMR works</li> <li>• Complete all line marking</li> <li>• Plant out garden beds</li> </ul>				
<b>Comments</b>	As part of these works, DTMR have engaged Council to reconstruct their section of Campbell Street from the Albert Street intersection under a private works contract. This additional work has increased the budget to \$1.3M. There have also been some scheduling issues with DTMR, and as a result, the works are expected to be complete in October.					





**11 NOTICES OF MOTION**

Nil

**12 QUESTIONS ON NOTICE**

Nil

**13 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.*

## 14 CLOSED SESSION

In accordance with the provisions of section 254J(3) of the *Local Government Regulation 2012*, a local government may resolve to close a meeting to the public to discuss confidential items, such that its Councillors or members consider it necessary to close the meeting.

### RECOMMENDATION

THAT the meeting be closed to the public to discuss the following items, which are considered confidential in accordance with section 254J(3) of the *Local Government Regulation 2012*, for the reasons indicated.

#### 15.1 Rockhampton Sports Precinct

In accordance with section 254J(3)(i) of the *Local Government Regulation 2012* it is considered necessary to close the meeting to discuss a matter the local government is required to keep confidential under a law of, or formal arrangement with, the Commonwealth or a State. (Subject to confidentiality agreement.)



## 15 CONFIDENTIAL REPORTS

### 15.1 ROCKHAMPTON SPORTS PRECINCT

**File No:** 15227

**Attachments:**

1. Rockhampton Sports Precinct Master Plan – Final Report
2. Rockhampton Sports Precinct Master Plan

**Authorising Officer:** Evan Pardon - Chief Executive Officer  
Alicia Cutler - General Manager Community Services

**Author:** Angus Russell - Executive Manager Advance Rockhampton  
Steven Ellis - Coordinator Community Master Planning

In accordance with section 254J(3)(i) of the *Local Government Regulation 2012* it is considered necessary to close the meeting to discuss a matter the local government is required to keep confidential under a law of, or formal arrangement with, the Commonwealth or a State. (Subject to confidentiality agreement.)

---

#### **SUMMARY**

*The report presents and seeks Council endorsement of the Master Plan Report for the Rockhampton Sports Precinct to allow community engagement to take place and for Council to work with relevant stakeholders to progress planning and development of the Precinct.*

**16 CLOSURE OF MEETING**