



INFRASTRUCTURE COMMITTEE MEETING

AGENDA

7 MARCH 2023

Your attendance is required at an Infrastructure Committee meeting of Council to be held in the Council Chambers, 232 Bolsover Street, Rockhampton on 7 March 2023 commencing at 9:00am for transaction of the enclosed business.

A handwritten signature in black ink, appearing to be "C. P.", written in a cursive style.

CHIEF EXECUTIVE OFFICER
1 March 2023

Next Meeting Date: 04.04.23

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.

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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 N K Fisher
Councillor S Latcham
Councillor C E Smith
Councillor C R Rutherford
Councillor G D Mathers

In Attendance:

Mr E Pardon – Chief Executive Officer
Mr P Kofod – General Manager Regional Services (Executive Officer)

3 APOLOGIES AND LEAVE OF ABSENCE

Councillor Drew Wickerson - Leave of Absence - 6 March 2023 to 17 March 2023 inclusive

Councillor Donna Kirkland – Leave of Absence - 7 March 2023

4 CONFIRMATION OF MINUTES

Minutes of the Infrastructure Committee held 7 February 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 - FEBRUARY 2023

File No: 7028
Attachments: 1. [Capital Dashboard Report February 2023](#)
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 February 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 February 2023:

- Alliance Maintenance Facility
- Botanic Gardens & Zoo Redevelopment
- Glenmore Water Treatment Plant Upgrade
- Glenmore Water Treatment Plant Solar Farm
- Gracemere & South Rockhampton STP Strategy
- Hail Damage Insurance Claim
- Mount Morgan Pool
- North Rockhampton Sewage Treatment Plant Upgrade
- Mount Morgan Water Treatment Plant
- Mount Morgan Water Supply Pipeline Project

**PROJECT DELIVERY
CAPITAL PROJECT REPORT
- FEBRUARY 2023**

**Capital Dashboard Report
February 2023**

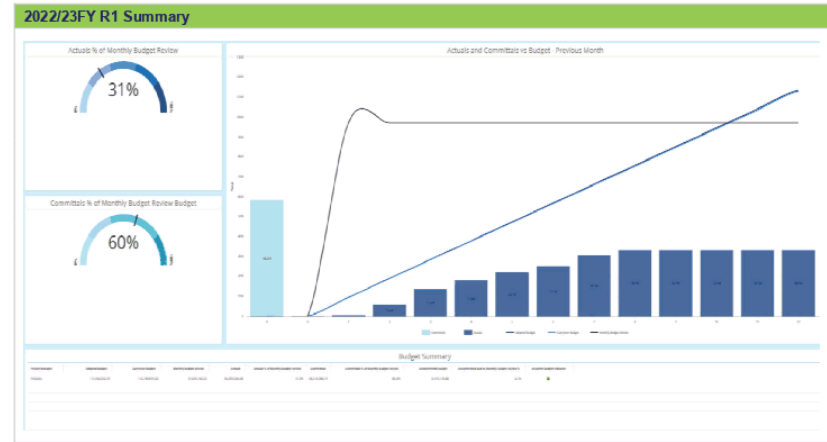
Meeting Date: 7 March 2023

Attachment No: 1

Regional Services – Project Delivery Monthly Dashboard Update Reporting Period: February 2023



Scope			
<p><i>Deliver the annual capital works program, achieving a capital program within 95% of the budget.</i></p> <p><i>Ensure the delivery of infrastructure projects meet objectives set out in the 2022/23 Operational Plan.</i></p>			
BUDGET \$97,034,758.			
Traffic Light Reporting			
Item	Last Month	This Month	Comments
Scope	A	G	
Budget	G	A	Budget for MMWPP being assessed against tender offers
Schedule	R	R	Zoo visitor hub. Re-tender for stage 1 Visitor Hub MMWPP – Assessing time impacts of tender offers.



Status Overview	
Key Milestones & Deliverables This Month (February)	
<ul style="list-style-type: none"> Alliance Maintenance Facility Project in final completion stages. North Rockhampton Sewage Treatment Plant Construction of concrete structures to continue. Mt Morgan Water Security Orders placed for Pipes / Main contract tender adjudication Mt Morgan Pool Pool construction contract award. Zoo Playground Nearing completion. Botanic/Zoo Carpark Carpark contract awarded 	

Three Month Horizon			
March	April	May	
<ul style="list-style-type: none"> Mt Morgan Pool D&C pre start works Mt Morgan Water Security Laydown are established/ Pipe 1sr order to site. Adjudicate main contract. North Rockhampton Sewage Treatment Plant Concrete structures to continue. GWTP Upgrade Filter reconstruction continue. Botanic Gardens & Zoo Redevelopment Re-Tender Visitor Hub, Playground installation finalised. GWTP / Solar Site works to commence end of month. GSTP Blower slab 	<ul style="list-style-type: none"> Mt Morgan Water Security Pre-construction Activities North Rockhampton Sewage Treatment Plant Concrete structures finalised. Alliance Maintenance Facility Power connection. Botanic Gardens & Zoo Redevelopment Re-Tender Visitor Hub, GSTP Installation of aerator 	<ul style="list-style-type: none"> GWTP / Solar Work underway Mt Morgan Water Security Site works underway North Rockhampton Sewage Treatment Plant Installation of walkways Botanic Gardens & Zoo Redevelopment Award contract (Visitor Hub) 	

Regional Services – Project Delivery
 Monthly Dashboard Update
 Reporting Period: February 2023



Project Name	Current Status	Monthly Update			Monthly Update
		Scope	Budget	Schedule	
Alliance Maintenance Facility	Construction	G	G	A	<ul style="list-style-type: none"> Project basically completed. Line marking to carpark and landscaping works outstanding. Power connection to Hangar still not complete. Anticipated mid April 2023.
Botanic Gardens & Zoo Redevelopment	Design	G	G	R	<ul style="list-style-type: none"> Visitor Hub Construction: Project and design documentation is currently being separated into two stages (Stage 1: Visitor Hub, Stage 2: Animal Operations Centre). A revised tender package will then be prepared for Stage 1 with a target release to market date of 10th March 2022. Playground: The installation of play equipment is 95% complete and is scheduled to be completed on the 1st March. The official opening for playground is scheduled to coincide with World Parks week and is on Saturday 11th of March. Design and Construct of New Eagle enclosure is scheduled to be completed May 2023, Currently the detailed design is waiting building compliance approval, demolition of existing structures has been completed. Currently working with Zoo team to complete scoping document and detailed design for Lemur enclosure (Old Aviary). When completed, the scoping document and plans will be provided to a Quantity surveyor to quantify project budget for Capital budget forward planning. Carpark Tender awarded to successful contractor. Works scheduled to start in March.
Glenmore Water Treatment Plant Upgrade	Design & Construction	G	G	G	<ul style="list-style-type: none"> Filter demolition works completed. Pre-treatment of under slab commenced Civil construction of Polymer dosing plant completed Proving of MgO dosing system underway Vendor commissioning of Carbon Dosing system commenced Control Room - Sheeting of ceilings and walls almost complete Stage 2 Tender Submission for upgrade for the Design and Construction of Lamella Plates in Sedimentation Tanks, Sludge Removal System and UV System closed 8 February 2023. One submission received.
Glenmore Water Treatment Solar Farm	Design & Construction	G	G	G	<ul style="list-style-type: none"> Tracking system equipment has been secured and delivered to site. Tender has closed, been adjudicated and awarded to GEM solar. Work to commence on site March / April GEM solar are finalising detail design and Started procurement of long lead items. HV Kiosk and solar panels. GEM Liaison with Ergon energy for connection to grid

Regional Services – Project Delivery
 Monthly Dashboard Update
 Reporting Period: February 2023



Project Name	Current Status	Monthly Update			Monthly Update
		Scope	Budget	Schedule	
Gracemere & South Rockhampton STP Strategy	Strategic Assessment	G	G	G	<p>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.</p> <ol style="list-style-type: none"> 1. Installation of Penstocks in bioreactors at SRSTP has been completed. 2. New Caustic soda dosing system at SRSTP completed, VO issued to Haslin. Priced VO rejected. Tender package being compiled. 3. Installation of recycled water PS at SRSTP underway, Valve box cast, pumps installed, top slab completed. 4. New Wet well for Sludge Pump Station (Planning works undertaken, H2o have carried out site inspection) 5. Condition assessments & replacement of diffusers (Condition Assessment being planned) 6. Condition assessments & upgrade of sludge digesters (investigation work underway H2o have carried out site inspection) 7. Upgrade of Sludge Lagoons both at SR & G STPS (Gracemere works complete / NRSTP underway 30% scope increased / SRSTP underway 80%) 8. Sewer diversion; Gracemere to South R'ton STP (Geotech complete at GSTP, pipeline prelim design completed. PS design to commence.) 9. New SRSTP – (planning stage) 10. Variation order issued to Haslin for new aerator install at GSTP. Aerators procured anticipated install April 2023, blower slab installation March
Hail Damage Insurance Claim	Construction	G	G	G	<ul style="list-style-type: none"> • Works to Dooley Street Depot is 100% Completed. • North Rockhampton Library is 100% Completed. • Boathouse Café hail damaged Solar Panels is 100% Completed. • Efin House Childcare centre is 100% completed. • 152 Lakes Creek Road landfill is 100% completed. • Kershaw Gardens Precinct roof structures are 100% completed. • Victoria Park Shade structures is 100% completed. • North Rockhampton Sewage Treatment Plant is now scheduled to be completed 27th March 2023 due to contractors being unavailable.
Mount Morgan Pool	Construction	G	G	G	<ul style="list-style-type: none"> • Contract has been awarded (Taylor Builders) • Contractor compiling site management plans. • Pre-start anticipated mid-March 2023.

Regional Services – Project Delivery
 Monthly Dashboard Update
 Reporting Period: February 2023



Project Name	Current Status	Monthly Update			
		Scope	Budget	Schedule	
North Rockhampton Sewage Treatment Plant Upgrade	Construction	G	G	G	Following are the major activities recently undertaken on the project: <ul style="list-style-type: none"> Construction of the concrete structures has continued: Further sections of the oxidation ditch and reactor concrete walls have been FRP. Structure approximately 80% completed; Ras chamber slab completed. Clarifier 3 sludge pocket completed, Main Slab now complete, formwork being erected for wall sections. New blower building concrete structure now completed. New HV building concrete structure now completed. Mixed liquor lines installation commenced Epoxy coating of inlet structure nearing completion. 35% stage 2A & 2B electrical design now underway; HV Transformers procured.
Mount Morgan Water Treatment Plant	Construction	G	G	G	Site Possession approved from 9 th January 2023 and site established. Construction is in progress, the Contractor removed all the corroded structural supports and PVC pipes, grit blasted and painted the Clarifier and Filters. They have installed new structural supports and now are preparing for the reinstallation of PVC pipes.
Mount Morgan Water Pipeline Project	Construction	G	A	A	Following are the major activities recently undertaken on the project: <ul style="list-style-type: none"> Contract awarded and first order placed for the Supply & Delivery of Pipes, Fittings & Valves for Mount Morgan Supply Trunk Mains. Tender package 15274 Design and Construction of Three Water Pump Stations for the Mount Morgan Water Supply Project was released to market on the 21 October 2022, site inspection completed. Tender closed on 25 January 2023. Evaluation now in progress. Design development completed. Agreement being negotiated with Ed QLD for land lease / Order placed for fencing of the project laydown area at Lucas Street.

10.2 PORT ALMA BOAT RAMP PROJECT UPDATE

File No: 355, 8026
Attachments: 1. [Port Alma Boat Ramp Locations](#)
Authorising Officer: Peter Kofod - General Manager Regional Services
Author: Martin Crow - Manager Infrastructure Planning

SUMMARY

Council Officers reporting on the progress of the Inkerman Creek and Casuarina Creek Boat Ramp projects at Port Alma.

OFFICER'S RECOMMENDATION

THAT the Port Alma Boat Ramp Project Update Report be received.

COMMENTARY**Inkerman Creek Boat Ramp Facility**

Development Approval for the Inkerman Creek Boat Ramp and carparking area was granted in May 2021. Tenders were called soon thereafter and the successful tenderer, Australian Marine and Civil PTY Ltd (AMC) took possession of the site in October 2021. At this time the earthworks were completed for the boat ramp and carpark areas. The design of the boat ramp and carpark area required a settlement period of a minimum of 12 months to allow the underlying marine clays to consolidate. Settlement of the earthworks was monitored throughout this period and in December 2022, the Designers were satisfied that the remaining construction works could recommence. AMC will recommence on the site in February 2023 and anticipate completing the remaining works by mid-April 2023.

As required by the Memorandum of Agreement (MOA) between Council, Department of Transport and Main Roads (DTMR) and Gladstone Ports Corporation (GPC), Council Officers are in the process of arranging the necessary survey to have the area of land occupied by the boat ramp and carpark opened as road reserve. This area is currently Strategic Port Land under the control of GPC.

Under the MOA, Council's funding commitment to the Inkerman Creek Boat Ramp facility is \$1.1 million. To date Council has contributed \$350,000 to these works and it is anticipated that the remaining funds will be expended by the end of the 2022/23 financial year.

Casuarina Creek Boat Ramp Facility

Development Approval for the Casuarina Creek Boat Ramp and carparking area was granted in November 2022. Tenders are currently being called for the construction of the boat ramp and carpark facility. It is anticipated that the successful tenderer would be appointed in April 2023 and commence earthworks on-site soon thereafter. Once again, the design of the boat ramp and carpark area requires a settlement period of a minimum of 12 months to allow the underlying marine clays to consolidate. On this basis, it is anticipated that the construction of the facility will be completed in the later half of 2024.

The area of land to be occupied by the boat ramp and carpark is Unallocated State Land but is also subject to two mining leases held by Cheetham Salt. Extensive negotiations were held with Cheetham Salt over a period of 2 years to enable the boat ramp and carpark facilities to be established and operated on the mining leases whilst preserving to the extent possible, the mining rights enjoyed by Cheetham Salt culminating in the signing of an agreement between Council and Cheetham Salt in September 2021.

As is the case with Inkerman Creek, once earthworks have been completed and consolidated, Council officers will arrange the necessary survey to have the area of land occupied by the boat ramp and carpark opened as road reserve.

Under the MOA, Council's funding commitment to the Casuarina Creek Boat Ramp facility is \$1.0 million. To date Council has contributed \$250,000 to these works and it is anticipated that the remaining funds will be expended over the 2023/24 and 2024/25 financial years.

BACKGROUND

Building a modern boat launching facility in the Port Alma area had been identified as a priority action by the Rockhampton Recreational Fishing Development Strategy and on 24 October 2017, the Council endorsed the proposed locations of Casuarina Creek and Inkerman Creek for a two boat ramp solution to replace the existing ramp at Port Alma.

On 10 July 2018, the Hon Mark Bailey (Minister for Transport and Main Roads) provided official correspondence to the Council on the matter indicating the Minister supported the boat ramp proposal solution from Council and requested that Council arrange suitable land tenure in its favour for the proposed boat ramp car parks, accept appointment as facility manager under the *Transport Infrastructure (Public Marine Facilities) Regulation 2011* and consult directly with GPC regarding the land side work (i.e. car-trailer parking, drainage, lighting etc.) and come to an agreement to fund and construct the standard requirements for each of the two lane boat ramps.

Council officers negotiated with the Department of Transport and Main Roads (DTMR) and GPC to develop the Port Alma Boat Ramps Agreement, which was entered into by Council, GPC and DTMR in June 2019.

The Casuarina and Inkerman Creek Boat Ramps provide the next major development milestone for the Fishing the Fitzroy brand. The development will open up 70,000 hectares of fishing opportunities, provide a safer boat ramp facilities and provide a variety of economic outcomes for the Region.

BUDGET IMPLICATIONS

Council's net contribution to the project remains at \$2 million of which approximately \$500,000 has been spent. A further \$750,000 is likely to be called upon by DTMR before the end of the 2022/23 financial year on completion of the Inkerman Creek works. The remaining funds for Casuarina Creek will likely be required over the 2023/24 and 2024/25 financial years. Sufficient funds have been allocated across the 2022/23 to 2023/24 to finalise this project.

CORPORATE/OPERATIONAL PLAN

GOAL 3.4

We support our Region's economy through our projects and activities.

EFFORTS

We plan and deliver significant projects that deliver ongoing, sustainable economic benefits for the Region.

Our infrastructure and community assets support the growth of the Region's Economy.

GOAL 5.1

Our Region has infrastructure that meets current and future needs.

EFFORTS

Our significant projects enable and support the Region's economy, community and environment.

CONCLUSION

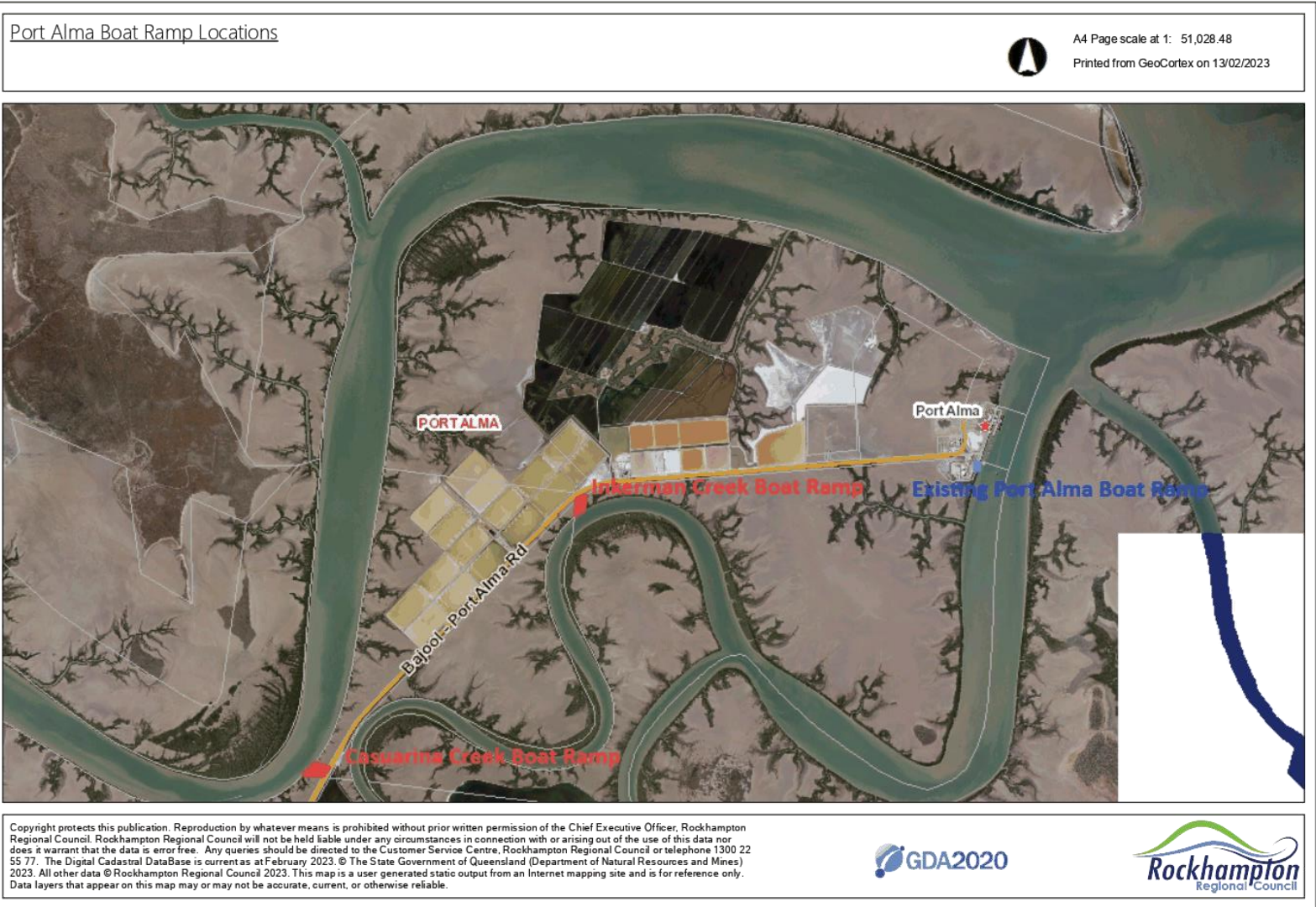
This report provides an update of the current progress and timing of the Port Alma Boat Ramps.

PORT ALMA BOAT RAMP PROJECT UPDATE

Port Alma Boat Ramp Locations

Meeting Date: 7 March 2023

Attachment No: 1



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 CLOSURE OF MEETING