

NOTICE OF MEETING

Dear Committee Members

You are requested to attend the following meeting of Council.

WATER AND WASTE STANDING COMMITTEE MEETING OF ISAAC REGIONAL COUNCIL

TO BE HELD ON

WEDNESDAY, 8 NOVEMBER 2023

COMMENCING AT 1.00PM

COUNCIL CHAMBERS - MORANBAH

KEN GOULDTHORP

Chief Executive Officer

SCOTT CASEY

Committee Officer

Director Water and Waste

Committee Members:

Cr Simon West (Chair)

Mayor Anne Baker

Cr Greg Austen

Cr Kelly Veava

Cr Carolyn Franzmann

LOCAL GOVERNMENT ACT 2009

Local Government Regulation 2012

Chapter 8, Part 2 Local Government Meetings and Committees

Division 1A, Requirements for Local Government Meetings Generally

Section 254J Closed meetings

- (1) A local government may resolve that all or part of a meeting of the local government be closed to the public.
- (2) A committee of a local government may resolve that all or part of a meeting of the committee be closed to the public.
- (3) However, a local government or a committee of a local government may make a resolution about a local government meeting under subsection (1) or (2) only if its councillors or members consider it necessary to close the meeting to discuss one or more of the following matters—
 - (a) the appointment, discipline or dismissal of the chief executive officer;
 - (b) industrial matters affecting employees;
 - (c) the local government's budget;
 - (d) rating concessions;
 - (e) legal advice obtained by the local government or legal proceedings involving the local government including, for example, legal proceedings that may be taken by or against the local government;
 - (f) matters that may directly affect the health and safety of an individual or a group of individuals;
 - (g) negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government;
 - (h) negotiations relating to the taking of land by the local government under the [Acquisition of Land Act 1967](#);
 - (i) a matter the local government is required to keep confidential under a law of, or formal arrangement with, the Commonwealth or a State.
- (4) However, a local government or a committee of a local government must not resolve that a part of a local government meeting at which a decision mentioned in [section 150ER\(2\)](#), [150ES\(3\)](#) or [150EU\(2\)](#) of the [Act](#) will be considered, discussed, voted on or made be closed.
- (5) A resolution that a local government meeting be closed must—
 - (a) state the matter mentioned in subsection (3) that is to be discussed; and
 - (b) include an overview of what is to be discussed while the meeting is closed.
- (6) A local government or a committee of a local government must not make a resolution (other than a procedural resolution) in a local government meeting, or a part of a local government meeting, that is closed.

Section 254K Participating in meetings by audio link or audio visual link

- (1) A local government may allow a person to take part in a meeting of the local government by audio link or audio visual link.
- (2) A committee of a local government may allow a person to take part in a meeting of the committee by audio link or audio visual link.
- (3) A councillor or committee member who takes part in a local government meeting under subsection (1) or (2) is taken to be present at the meeting if the councillor or member was simultaneously in audio contact with each other person at the meeting.
- (4) In this section—
audio link see the [Evidence Act 1977, section 39C](#).
audio visual link see the [Evidence Act 1977, schedule 3](#).

Conflict of Interest Obligations

Reference is made to Section 150EL of the Local Government Act 2009. Specifically, the obligation of Councillors when they first become aware they have a conflict of interest to make the Chief Executive Officer aware in writing or if in a meeting, ensure they declare immediately.

**WATER AND WASTE
STANDING COMMITTEE MEETING
OF ISAAC REGIONAL COUNCIL
TO BE HELD ON
WEDNESDAY 8 NOVEMBER 2023
COUNCIL CHAMBERS, MORANBAH**

1. OPENING OF THE MEETING
 - 1.1 ACCEPTANCE OF PARTICIPATION BY VIDEO CONFERENCE
2. APOLOGIES AND LEAVE OF ABSENCES
3. DECLARATION OF CONFLICTS OF INTEREST
4. CONFIRMATION OF MINUTES
5. OFFICER REPORTS
6. INFORMATION BULLETIN REPORT
7. GENERAL BUSINESS
8. CONCLUSION

TABLE OF CONTENTS

1. OPENING OF MEETING

2. APOLOGIES

- Cr Greg Austen

3. DECLARATION OF CONFLICTS OF INTEREST

4. CONFIRMATION OF MINUTES

Water and Waste Standing Committee Meeting of Isaac Regional Council held in Council Chambers, Moranbah, commencing 1.00pm on Wednesday 11 October 2023.

5. OFFICER REPORTS

5.1 WATER AND WASTE 2023-2024 CAPITAL PROJECTS PROGRESS REPORT

EXECUTIVE SUMMARY

This report is to provide an update to the Water and Waste Standing Committee and Council on the progress in the delivery of the Water and Waste 2023/24 Capital Works Program.

TABLE OF CONTENTS

5.2 EXCEPTION BASED CONTRACTUAL ARRANGEMENTS - LOCAL GOVERNMENT REGULATIONS 2012

EXECUTIVE SUMMARY

The purpose of this report is to seek retrospective endorsement for the Independent National Association of Testing Authorities (NATA) affiliated testing required as per contract IRCT-MBH-1022-301 provided through TRI Australasia Pty Ltd, under the exception provisions for entering into medium or large sized contractual arrangements within s235 (b) of the *Local Government Regulations 2012*.

5.3 GLENDEEN PROPOSED CHANGE TO WASTE COLLECTION DAYS

EXECUTIVE SUMMARY

The purpose of this report is to seek approval to amend waste and recycling collection days in part of Glenden.

5.4 INTEGRATED MANAGEMENT SYSTEM CERTIFICATION UPDATE

EXECUTIVE SUMMARY

The purpose of this report is to provide an update on the Water and Waste Integrated Management System (IMS) Certification and compliance with ISO Standards of Occupational Health and Safety, Environment and Quality.

CONFIDENTIAL REPORT

Closed under 254J(3) (g) negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government

5.5 ANNUAL REVIEW OF WASTE COLLECTION CONTRACT

EXECUTIVE SUMMARY

This report provides a review of the performance of the Waste and Recycling Collection Contract IRC/CHRC2083-0119-138 over the twelve (12) months from November 2022 to October 2023, and provides a recommendation on the future of the contract.

TABLE OF CONTENTS

6. INFORMATION BULLETIN

6.1 WATER AND WASTE INFORMATION BULLETIN – NOVEMBER 2023

EXECUTIVE SUMMARY

The Water and Waste Directorate Information Bulletin for November 2023 is provided for Committee review.

7. GENERAL BUSINESS

8. CONCLUSION

UNCONFIRMED MINUTES

WATER AND WASTE STANDING COMMITTEE MEETING OF
ISAAC REGIONAL COUNCIL

HELD ON
WEDNESDAY, 11 OCTOBER 2023
COMMENCING AT 1.00PM

ISAAC REGIONAL COUNCIL
UNCONFIRMED MINUTES OF THE
WATER AND WASTE
STANDING COMMITTEE MEETING
HELD IN COUNCIL CHAMBERS, MORANBAH
ON WEDNESDAY 11 OCTOBER 2023

Table of Contents	Page
1. Opening	3
2. Apologies	3
3. Declaration of Conflicts of Interest	4
4. Confirmation of Minutes	4
5. Officer Reports	5
6. Information Bulletin Reports	6
7. General Business	7
8. Conclusion	7

ISAAC REGIONAL COUNCIL
UNCONFIRMED MINUTES OF THE
WATER AND WASTE
STANDING COMMITTEE MEETING

HELD IN COUNCIL CHAMBERS, MORANBAH

ON WEDNESDAY 11 OCTOBER 2023 COMMENCING AT 1.00PM

ATTENDANCE

Cr Simon West, Division Four (Chair)
Cr Greg Austen, Division One (*By Video Conference*)
Cr Kelly Vea Vea, Division Five
Cr Carolyn Franzmann, Division Six (*By Video Conference*)

OFFICERS PRESENT

Mr Scott Casey, Director Water and Waste
Mr Karl Murdoch, Manager Waste Services
Mr Stephen Wagner, Manager Operations and Maintenance
Mr Anthony Earl, Consultant - Capital Works Project Manager
Mrs Zoe Behrendt, Acting Manager Business Services
Mrs Suzanne Rose, People and Capability Business Partner
Mrs Tricia Hughes, Coordinator Executive Support

1. OPENING

The Chair declared the meeting open at 1.02pm and acknowledged the traditional custodians of the land on which we meet today and paid her respects to their Elders past, present and emerging.

2. APOLOGIES

A leave of absence be granted for Mayor Anne Baker for this meeting as she is attending the Greater Whitsunday Alliance Delegation meeting with Queensland Parliament in Brisbane on behalf of Council.

Resolution No.: W&W0465

Moved: Cr West

Seconded: Cr Vea Vea

That the Water and Waste Standing Committee grants a leave of absence for Mayor Anne Baker as she is attending to official Council duties in Brisbane on behalf of Council.

Carried

3. DECLARATION OF CONFLICTS OF INTEREST

No conflict of interests declared this meeting.

NOTE:

Council acknowledges that Chapter 5B Councillors' Conflicts of Interest of the Local Government Act 2009 does not apply to a Councillor if the matter to be resolved relates to a corporation or association that arises solely because of a nomination or appointment of the councillor by the local government to be a member of the board of the corporation or association.

4. CONFIRMATION OF MINUTES

Confirmation of minutes from Water and Waste Standing Committee Meeting of Isaac Regional Council held at Council Chambers, Moranbah on Wednesday 13 September 2023.

Resolution No.: W&W0466

Moved: Cr Franzmann

Seconded: Cr Vea Vea

That the minutes from the Water and Waste Standing Committee meeting held in Council Chambers, Moranbah on Wednesday 13 September 2023 are confirmed.

Carried

5. OFFICERS REPORTS

5.1 Water and Waste Directorate 2023/2024 Capital Projects Progress Report – October 2023

EXECUTIVE SUMMARY

This report is to provide an update to the Water and Waste Standing Committee and Council on the progress of the delivery of the Water and Waste Directorate 2023/2024 Capital Works Program.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

- 1. Receives and notes the monthly Water and Waste Directorate 2023/2024 Capital Projects Progress Report.*

Resolution No.: W&W0467

Moved: Cr Vea Vea

Seconded: Cr Franzmann

That the Committee recommends that Council:

- 1. Receives and notes the monthly Water and Waste Directorate 2023/2024 Capital Projects Progress Report.**

Carried

5.2 Water and Wastewater Preventive Maintenance Program Update

EXECUTIVE SUMMARY

This report summarises the implementation pathway of the Water and Wastewater Preventive Maintenance Programme and the progress of the program to date.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

- 1. Notes the contents of the Water and Wastewater Preventive Maintenance Program Update.*

Resolution No.: W&W0468

Moved: Cr Vea Vea

Seconded: Cr Franzmann

That the Committee recommends that Council:

1. Notes the contents of the Water and Wastewater Preventive Maintenance Program Update.

Carried

6. INFORMATION BULLETIN REPORTS

6.1 Water and Waste Information Bulletin – October 2023

EXECUTIVE SUMMARY

The Water and Waste Directorate Information Bulletin for October 2023 is provided for Committee review.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

1. Notes the Water and Waste Directorate Information Bulletin for October 2023.

Resolution No.: W&W0469

Moved: Cr Franzmann

Seconded: Cr Austen

That the Committee:

1. Notes the Water and Waste Directorate Information Bulletin for October 2023.

Carried

7. GENERAL BUSINESS

7.1 Fee Enquiry – Disposing of Power Poles

Cr Greg Austen has received an enquiry from a constituent regarding Council's waste fees associated with power poles being disposed at the Clermont Waste Facility. The constituent believes the fees are impacting his business due to the low fees being charged by Council. It was also noted that Isaac Regional Council fees for disposal of power poles is cheaper than other neighbouring Councils. This matter was also raised as a Councillor Question at the September Ordinary Meeting.

ACTION: DIRECTOR WATER AND WASTE

8. CONCLUSION

There being no further business, the Chair declared the meeting closed at 2.09pm.

These minutes were confirmed by the Committee at the Water and Waste Standing Committee Meeting held on Wednesday 8 November 2023 in Moranbah.

.....
CHAIR

..... / /
DATE

MEETING DETAILS

Water and Waste Standing Committee

Wednesday, 8 November 2023

AUTHOR

Amal Meegahawattage

AUTHOR POSITION

Manager Planning and Projects

5.1 WATER AND WASTE 2023-2024 CAPITAL PROJECTS PROGRESS REPORT

EXECUTIVE SUMMARY

This report is to provide an update to the Water and Waste Standing Committee and Council of the progress in the delivery of the Water and Waste 2023/2024 Capital Works Program.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

1. *Receives and notes the monthly Water and Waste 2023/2024 Capital Projects Progress Summary Report.*

BACKGROUND

Progressive updates of the financial and physical position of projects in the 2023/24 Water and Waste Capital Works program are required to ensure that Council is aware of the progress of and risk to the delivery of the program.

IMPLICATIONS

The attached Water and Waste 2023/24 Capital Projects Progress Summary spreadsheet provides an overview of the financial and physical status of all projects, with red indicating a projected cost overrun of over 10% or completion after October 2023, yellow indicating a cost overrun of 0-10%, and green indicating no issues. Brief commentary is provided to explain the status of each project, with additional commentary provided in the Water and Waste Issues Report for significant risks.

COMPLIANCE

Compliance with the Water and Waste 2023/24 Capital Works Program is essential to meet the identified timeframes of the 2023/24 financial year.

KEY CAPITAL PROJECTS

1. CW222974 - CORP SEWER RELINING

The project's contract was awarded in September 2023, followed by a successful pre-commencement meeting on 11 October 2023. Site possession was granted on 23 October 2023, and the contractor is scheduled to begin work at the site on 31 October 2023.

2. CW233156 - CLM WMF WEIGHBRIDGE INSTALLATION

This project involves the design and construction of a weighbridge, an associated gatehouse, and access road, along with the integration of a waste data recording system at the Clermont Landfill Facility. The tender is set to close on 14 November 2023.

3. CW22970 MBH WTP BOBY PLANT FILTER MEDIA REPLACEMENT

The project's Scope of Works, including the installation of Zeolite in 6 filters and the resolution of a blocked clarifier drain, has been completed. Water Operations are currently undergoing multiple operational cycles and backwashes before the transfer of treated water.

4. CW222983 - CLM TCD FLOATING OFF-TAKE STRUCTURE

Initially scheduled for completion by 15 September 2023, this project encountered an unexpected issue, leading to a variation for dredging around the intake tower. Dredging operations are set to commence in the first week of November 2023 after the collection and transportation of necessary materials to Theresa Creek Dam by the contractor.

5. CW223000 – MBH LANDFILL PHASE 2 STAGE 2

With construction initiated in August 2023, the installation of the Geosynthetic Clay Layer and Geomembrane Liner is underway, closely monitored for quality control, with intermittent welding pauses instructed by the consultant due to excessive temperatures.

6. CW222983 MBH WTP ROOF REPLACEMENT

Confirming the readiness of materials, the contractor is progressing towards the delivery of steel and roof sheeting materials, aligning with the planned construction program for the new roof, scheduled to commence before Christmas.

7. CW233151 ST LAWRENCE RAW WATER STORAGE & RAW WATER MAIN

The preparation and review of the Design & Construct tender documentation for the Raw Water Tank are ongoing, incorporating stakeholder feedback. Simultaneously, the construction of the new Raw Water Main is progressing well, with the under-bore expected to be completed by 25 October 2023.

8. CW222971 - CLM WATER NETWORK AUGMENTATION

The project is currently striving to finalize 80% progress in the design drawings, ensuring it remains on track for the Dec 2023 completion.

BENEFITS

Council can see a monthly progress report detailing the progress of projects in the Water and Waste 2023/24 Capital Program. This report communicates risks/failures/delays that have been identified within the Water and Waste 2023/24 Capital Works program.

CONSULTATION

- Director Water and Waste
- Manager Operations and Maintenance
- Manager Waste Services
- Planning and Project Department Project Managers

BASIS FOR RECOMMENDATION

To improve business within the Water and Waste Directorate by providing more appropriate and relevant reporting, transparency, and a clear monitoring tool for Council. This report will help identify and communicate any project delays or possible project failures.

ACTION ACCOUNTABILITY

The Managers and the Director of Water and Waste oversee the scoping, procurement, and completion of the projects identified within the 2023/24 Capital Projects Progress Summary spreadsheet. Furthermore, the appropriate Managers and the Director Water and Waste are held accountable for the delivery of the project stages which are completed within the identified timeframes.

KEY MESSAGES

That Council has open communication, oversight, and transparency of the Water and Waste 2023/24 Capital Works Program, to ensure Isaac will have effective and sustainable Water and Waste infrastructure that supports the needs of the region's communities and economic sectors.

Report prepared by:	Report authorised by:
AMAL MEEGAHAWATTAGE	SCOTT CASEY
Manager Planning and Projects	Director Water and Waste
Date: 25 October 2023	Date: 27 October 2023

ATTACHMENTS

- CONFIDENTIAL Attachment 1 – Water and Waste Capital Projects Progress Summary Spreadsheet October 2023

REFERENCE DOCUMENT

- Nil

PAGES 17 - 18 HAVE INTENTIONALLY BEEN REMOVED DUE TO CONFIDENTIAL REASONS

MEETING DETAILS	Water and Waste Standing Committee Wednesday, 8 November 2023
AUTHOR	Anthony Earl and Amal Meegahawattage
AUTHOR POSITION	Project Manager Water and Waste and Manager Planning and Projects Water and Waste

5.2 EXCEPTION BASED CONTRACTUAL ARRANGEMENTS - LOCAL GOVERNMENT REGULATIONS (2012)

EXECUTIVE SUMMARY

The purpose of this report is to seek retrospective endorsement for the Independent National Association of Testing Authorities (NATA) accredited testing required as per contract IRCT-MBH-1022-301 provided through TRI Australasia Pty Ltd, under the exception provisions for entering into medium or large sized contractual arrangements within s235(b) of the *Local Government Regulations 2012*.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

- 1. Resolves that while Council is responsible for the independent National Association of Testing Authorities (NATA) accredited testing for the Moranbah Waste Management Facility Construction of Lined Landfill Cell#2 IRCT-MBH-1022-301 project in Moranbah, it is satisfied that because of the nature of the specialised testing and location of TRI Australasia Pty Ltd chosen by the Contract Superintendent, it would be impractical or disadvantageous for the local government to invite quotes from other suppliers.***
- 2. Retrospectively endorses the following exception to enter into a medium or large sized contractual arrangement as per s235 of the Local Government Regulations (2012) for the National Association of Testing Authorities (NATA) accredited testing as per quote Q23-187 dated 31 August 2023 conducted by TRI Australasia Pty Ltd and other Quality Assurance (QA) invoices from the company expected for this project.***

BACKGROUND

Contract IRCT-MBH-1022-301 Moranbah Waste Management Facility Construction of Lined Landfill Cell#2 was awarded on the 04/07/2023 to Vasallo Constructions Pty Ltd. A requirement of Council under the contract was to undertake independent National Association of Testing Authorities (NATA) accredited testing of the Geosynthetic Clay Liner as part of its Quality Assurance (QA) requirements using a suitably qualified company.

Discussion

The Geosynthetic Clay Liner (GCL) production run at Geofabrics Gold Coast Factory was programmed from the 23 August 2023 to the 30 August 2023 enabling delivery of the product within the program. However, the Quality Assurance (QA) testing required an independent National Association of Testing Authorities (NATA) accredited company representative on site to witness this and take samples on the relevant days. TRI Australasia Pty Ltd is based in Burleigh Heads on the Gold Coast and after discussions with the Director and IRC Procurement Manager could be on site and carry out the relevant tests as per quote Q23-187 dated 31 August 2023 for IRC.

Due to contract Quality Assurance (QA) requirements, the ability of TRI Australasia Pty Ltd to meet them within the factory production time frame and company location, it is best value that TRI Australasia be the company of choice.

The independent National Association of Testing Authorities (NATA) accredited testing has been prioritised ahead of seeking Council approval due to the factory production run which could not be delayed to achieve a Council resolution on the matter. A retrospective endorsement on the scope of work as per Q23-187 dated 31 August 2023 in the amount of \$22,393.80 + GST is therefore requested.

Seeking alternative quotes was not undertaken on the basis of section 235 of *Local Government Regulations 2012*;

“a local government may enter into a medium-sized contractual arrangement or large-sized contractual arrangement without first inviting written quotes or tenders if.

(b) the local government resolves it is satisfied that, because of the nature of the specialised or confidential services that are sought, it would be impractical or disadvantageous for the local government to invite quotes or tenders.”

IMPLICATIONS

Contract IRCT-MBH-1022-301 requires IRC to undertake the National Association of Testing Authorities (NATA) accredited testing as part of its Quality Assurance (QA) process. A significant amount of Quality Assurance (QA) testing is required to be undertaken for this project (approximate cost of \$100,000.00). Approval via Council Resolution will ensure compliance with legislation and reduce any concerns for delays to the project.

CONSULTATION

Manager Contracts and Procurement

BASIS FOR RECOMMENDATION

Compliance with s235 of the *Local Government Regulations (2012)*.

ACTION ACCOUNTABILITY

Manager Contracts and Procurement; is accountable for compliance with s235 of the *Local Government Regulations (2012)*, and the Procurement Policy.

KEY MESSAGES

The exceptions to the *Local Government Regulations 2012* under s235(b) require Council resolution to ensure compliance.

Report prepared by:	Report authorised by:
ANTHONY EARL	SCOTT CASEY
Project Manager Water and Waste	Director Water and Waste
Date: 20 September 2023	Date: 30 October 2023

CONFIDENTIAL ATTACHMENTS

- CONFIDENTIAL Attachment 1 - Signed Procurement Exception Form.
- CONFIDENTIAL Attachment 2 - TRI Australasia Quote Q23-187 dated 31 August 2023.

REFERENCE DOCUMENT

- *Local Government Regulations 2012*
- Isaac Regional Council Procurement Policy
- Isaac Regional Council Local Preference Policy

PAGES 22 - 23 HAVE INTENTIONALLY BEEN REMOVED DUE TO CONFIDENTIAL REASONS

MEETING DETAILS	Water and Waste Standing Committee Wednesday, 8 November 2023
AUTHOR	Karl Murdoch
AUTHOR POSITION	Manager Waste Services

5.3 GLENDEN PROPOSED CHANGE TO WASTE COLLECTION DAYS

EXECUTIVE SUMMARY

The purpose of this report is to seek approval to amend waste and recycling collection days in part of Glenden.

OFFICER'S RECOMMENDATION

That the Committee recommend that Council:

- 1. Approves the change of regular waste and recycling collection day from Tuesday to Wednesday for approximately 200 properties in Glenden, with affect from week commencing Monday 1 July 2024.**

BACKGROUND

Council approved the Whole of Region Landfill Plan (Resolution 8398) and Glenden Landfill Closure Plan (Resolution 8399) at its Ordinary Meeting of 28 June 2023. Council has thereby resolved to cease the operation of Glenden Waste Management Facility as a landfill and to convert it to a transfer station on or before 30 June 2024. These decisions were made in line with Council's Waste Management Strategy 2020-2025 and in response to s.57(1)(c) of the Waste Reduction and Recycling Act 2011.

Council has approved a capital budget (CW243204) of \$400,000 to construct a transfer station retaining wall and funding has been announced by the Department of State Development, Infrastructure, Local Government and Planning under the Levy Ready fund, which will cover approximately 60% of the capital cost.

Officers have conducted trials to determine the nature of the transfer station that will be required and have concluded that a simple design will suffice. The waste will be deposited by customers via a split-level arrangement into two 15m³ skips. Fortnightly emptying of the skips should be sufficient for the waste generated by householders and some small businesses in Glenden, being a similar arrangement to that at St Lawrence Waste Management Facility. The emptying of the skips can be facilitated via the current waste collection contract IRC/CHRC 2083-0119-138.

Officers have discussed the changes with the current contractor, however, there is a second impact on the contract arising from the closure of the landfill. Currently, household waste collected by the contractor from Isaac coastal communities and from Glenden is tipped at the Glenden Landfill. This will not be possible when the site becomes a transfer station, and waste will either have to be tipped at Moranbah (officers'

preferred option) or at Mackay Regional Council's facility at Hogan's Pocket. Whilst this was identified in the Whole of Region Landfill Plan, the detail remains to be determined.

Officers, in collaboration with Council's current waste collection contractor, have explored several options for the most cost-effective and least disruptive way to accommodate the additional travel to Moranbah or additional cost of tipping in the Mackay region. Options include:

- Splitting refuse and recycling collection days in Isaac Coastal communities. This would involve reverting to the pre-2019 arrangement whereby refuse was collected on Mondays and recycling on Thursdays. This would incur additional costs for an additional day for the collection vehicle and driver each week and could create confusion for residents with different collection days for different bins. This option would also run the risk of exceedance of driver's hours due to the additional distance involved in travelling to Moranbah from the Coastal communities compared to Mackay where this vehicle currently parks overnight.
- Collecting all of Nebo and Glenden refuse on Tuesday, and all of Nebo and Glenden recycling on Wednesday. This would create confusion for residents with different collection days for different bins.
- Changing refuse disposal point from the current Glenden to Hogan's Pocket instead of Isaac Regional Council's Moranbah site. This would incur an additional cost of \$190 per tonne – an additional annual expenditure of approximately \$50,000. The logistics around the times of day when the vehicle would be passing the site also make this option problematic, as was learned during trials which Council conducted in 2021.
- Changing part of Glenden's collection days from Tuesday to Wednesday (preferred option). This frees up sufficient time to tip recycling and refuse in Moranbah on Tuesdays whilst not adding enough time on the Wednesday run to exceed driver's hours. The proposed area is shown marked grey on Attachment 1.

IMPLICATIONS

Financial

The Whole of Region Landfill Plan includes a section where the anticipated costs (transporting skips to landfill and lost commercial waste revenue) and savings (from cessation of the landfill management contract and reduced waste levy costs) are outlined. Whilst this anticipates a small overall saving, officers identified that the details of any changes required by the change of kerbside waste disposal point remained to be worked out and that the identified saving may not eventuate. Whilst there will be a small increase associated with the altered collection schedules for the remaining 27 months of the contract, considering all the other savings (waste levy, cessation of landfill management contract) it is not anticipated that there will be any overall additional cost associated with these changes.

Service Delivery

The residents within the area of Glenden with the revised collection day will experience a change of collection day from the current Tuesday to Wednesday. Recycling collections in the whole of Glenden will still be carried out in Week 1 of Council's recycling calendar. There may also be changes to the time of day that waste is collected in Glenden and/or Nebo, however Council does not currently publish collection

times other than advising residents that collection can take place between 6.00 am and 6.00 pm. There are no proposed collection day changes in any other part of the region.

Risk

There is a potential reputational risk associated with collection problems or delays as a result of the change. Officers have mitigated this risk by carrying out modelling and “dry runs” with the contractor. There is also a risk that residents will fail to place their bins out for collection on the revised day. This risk is mitigated by the fact that the revised day is one day *later* than the current day, and officers will put a communications plan in place prior to the change occurring.

CONSULTATION

Director Water and Waste

Projects and Contracts Coordinator Waste Services

Waste Collection contractor

BASIS FOR RECOMMENDATION

Council can no longer dispose of kerbside waste to landfill at Glenden. Council has determined the most cost-effective and least disruptive alternative.

ACTION ACCOUNTABILITY

Manager Community Education and Compliance in collaboration with Manager Parks and Recreation and Manager Waste Services.

KEY MESSAGES

Council can no longer dispose of kerbside waste to landfill at Glenden in line with Council’s Waste Management Strategy. Council has determined the most cost-effective and least disruptive alternative.

Report prepared by: KARL MURDOCH Manager Waste Services Date: 23 October 2023	Report authorised by: SCOTT CASEY Director Water and Waste Date: 27 October 2023
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ATTACHMENTS

- Attachment 1 - Proposed Change Glenden Road Map

REFERENCE DOCUMENT

- Isaac Waste Management Strategy 2020-2025
- Whole of Region Landfill Plan 2023

TUESDAY Recycling Week 1
WEDNESDAY Recycling Week 1



MEETING DETAILS	Water and Waste Standing Committee Wednesday, 8 November 2023
AUTHOR	Zoe Behrendt
AUTHOR POSITION	Manager Business Services

5.4 INTEGRATED MANAGEMENT SYSTEM CERTIFICATION UPDATE

EXECUTIVE SUMMARY

The purpose of this report is to provide an update on the Water and Waste Integrated Management System (IMS) certification and compliance with ISO Standards of Occupational Health and Safety, Environment and Quality.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

- 1. Notes the outcomes of the Water and Waste Integrated Management System Audit Report following an external surveillance audit in June 2023.**

BACKGROUND

The Water and Waste Directorate's Integrated Management System (IMS) is certified as complying with the International Standards for Environment, International Organisation for Standardisation (ISO) 14001:2015, Quality ISO 9001:2015 and Occupational Health and Safety ISO 45001:2018.

As part of its certification requirements, Water and Waste undertake annual external surveillance audits through its certification body, Equal Assurance Pty Ltd, to confirm compliance and assess confidence in the management system. At this time an evaluation is completed to review previous findings, allocate new findings (as applicable) and ultimately recommend if the directorate should maintain certification. The finding risk ratings are (Level 1) acceptable, (Level 2) low, (Level 3) medium, (Level 4) high and (Level 5) extreme. A Level 1 finding signals that a previous finding has been closed.

In June 2023 a six-day external surveillance audit was conducted and included site visits to Middlemount and Dysart Waste Management Facilities and Water and Wastewater Treatment Plants, along with a site visit to a capital project in Moranbah.

The Audit Report has been provided. The audit team determined the confidence of the Water and Waste Directorate's performance to consistently meet the quality, occupational health and safety and environmental standards to be "High".

Three medium risk Findings (Level 3) were raised relating to 1) lack of standardisation and document control of daily reading and data log spreadsheets at water and wastewater treatment, 2) absence of risk and opportunity linkages and 3) need for effective root cause analysis relating to environmental non-compliances.

Three low risk Findings (Level 2) were raised relating to 1) E-Waste storage, 2) opportunity to harmonised Water and Waste internal audit schedule with Safety & Resilience Department audit schedule and 3) Lack of integrated approach to record and action applicable findings from Corporate internal audits.

While the previous five findings remained open, the majority of these reduced in risk level due to the ongoing work undertaken to address the findings.

An action plan has been developed for all the above findings plus any other areas for improvement identified by the auditor, with accountabilities and timeframes allocated.

The Audit Report noted commendations for the Waste Services team culture and competence of Operators, the adoption of technologies to address needs, the positive reporting culture in meetings, compliance and investigations and the thoroughness of the Integrated Management System auditing checklist.

The next audit is scheduled for May/June 2024.

IMPLICATIONS

Financial

Water and Waste completed a Request for Quotation in October 2022 and awarded Equal Assurance Pty Ltd a contract of three (3) years. Water and Waste are currently tracking to have six (6) sites audited annually at a cost of approximately \$16,000 per year.

While the Integrated Management System certification is a cost, it offers financial benefits by preventing negative and unwanted outcomes through continuous improvement and documented process development. Tangible improvements have been noted throughout the surveillance audit reports since certification was attained.

Compliance

The Integrated Management System and further auditing continues to assist Council in its compliance environment, providing a level of confidence to Regulators that Council has a committed system of improvement and reducing the occurrences of non-conformances.

Reputation

The ongoing development of the Integrated Management System will improve the quality, environmental and safety delivery of Water and Waste services and Council's reputation.

Further embedding of the Integrated Management System into the Water and Waste culture will reduce the number of non-conformances for our operations.

Operational

Compliance with the standards and operation of the Integrated Management System does require behavioural and operational change. The System is only as successful as the time invested into following and improving it and considerable work is still required by the Directorate. The levels of investment do reduce as the Integrated Management System matures and its practices are adopted and adhered to.

CONSULTATION

The following areas were involved in the Audit:

- Water and Waste department (all levels), Safety and Resilience, Learning and Development, People and Capability, Governance and Corporate Services and Procurement.

BASIS FOR RECOMMENDATION

The certification of the Integrated Management System within the Water and Waste Directorate is producing quantifiable outcomes and streamlined processes to ensure continuous improvement.

ACTION ACCOUNTABILITY

Coordinated by the Manager Business Services, it is the responsibility of the entire Water and Waste Directorate to ensure that the Integrated Management System drives continuous improvement and that certification is maintained to reinforce this.

KEY MESSAGES

Water and Waste is rapidly adopting continuous improvement through its Integrated Management System which puts Council at the forefront of best safety, quality and environmental practices.

Report prepared by:	Report authorised by:
ZOE BEHRENDT	SCOTT CASEY
Manager Business Services	Director Water and Waste
Date: 23 October 2023	Date: 27 October 2023

ATTACHMENTS

- CONFIDENTIAL Attachment 1 - ISCQ01-05 Audit Report

REFERENCE DOCUMENT

- Audit Report, Isaac Regional Council Water and Waste Directorate, dated 09/06/2023 to 16/06/2023.

PAGES 31 - 115 HAVE INTENTIONALLY BEEN REMOVED DUE TO CONFIDENTIAL REASONS

MEETING DETAILS	Water and Waste Standing Committee Meeting Wednesday 8 November 2023
AUTHOR	Scott Casey
AUTHOR POSITION	Director Water and Waste

6.1 WATER AND WASTE INFORMATION BULLETIN – NOVEMBER 2023

EXECUTIVE SUMMARY

The Water and Waste Directorate Information Bulletin for November 2023 is provided for Committee review.

OFFICER'S RECOMMENDATION

That the Committee:

- 1. Notes the Water and Waste Directorate Information Bulletin for November 2023.**

BACKGROUND

The attached Information Bulletin for November 2023 provides an operational update for Committee review on the Water and Waste Directorate.

IMPLICATIONS

Any specific implications or risks will be outlined in the Information Bulletin

CONSULTATION

Water and Waste Directorate Managers and Staff.

BASIS FOR RECOMMENDATION

This is an information only report.

ACTION ACCOUNTABILITY

Information only report.

KEY MESSAGES

Operational update to the Elected Members.

Report prepared by:	Report authorised by:
SCOTT CASEY	KEN GOULDTHORP
Director Water and Waste	Chief Executive Officer
Date: 1 November 2023	Date: 3 November 2023

ATTACHMENTS

- Attachment 1 – Water and Waste Information Bulletin – November 2023

REFERENCE DOCUMENT

- Nil

DATE: November 2023

6.1 WATER AND WASTE

DIRECTORATE HIGHLIGHTS

Collaboration with Mackay Regional Council

In October Mackay Regional Council personnel came to Moranbah for three days to provide training to members from the Business Services team and Network Plumbing team to trial the use of Taggle Field App. This will reduce manual data entry and potential error risk when installing new Taggles and/or meters. This is part of an ongoing collaboration as part of the WIM Alliance Regional Smart Metering Sub-Working Group.



Visit from Department of Regional Development, Manufacturing and Water

During the month two representatives from the Department of Regional Development, Manufacturing and Water (the Department) came to Isaac for a site visit at Moranbah WTP. Whilst in the region they presented to the monthly treatment plant operators meeting in Dysart providing valuable information on Blue-Green Algae management and the reporting requirement for water quality events. This was a very valuable exercise and continues to build the relationship between Isaac Regional Council and the Department.

EMERGING RISKS:

Treatment Process's

- Critical control limit, for treated water at Clermont Water Treatment Plant, decreasing from 1 NTU to 0.5 NTU to meet the Australian Drinking Water Guidelines, identified during the Drinking Water Quality Management Plan (DWQMP) review, has the potential to result in a change in the drinking water status because there is no online analyser to continually demonstrate the critical control limit for the filtered water turbidity. The Capital Works program on the Clermont Water Treatment Plant Filter Remediation has been identified to rectify this issue.
- Middlemount chlorine contact time was also identified in the DWQMP, requiring a change in the lower critical limit for treated water chlorine and remedial work to be completed by April 2024.
- Stock access to the Clermont Water Treatment Plant supernatant ponds has been identified as a risk.
- Conductivity meter installation is required at Nebo WTP to have visibility of the continued levels of conductivity in the wastewater from the Water Treatment Plant being sent to the Wastewater Treatment Plant.

Resourcing Levels

The opportunity to use contract operation staff has decreased along with the receipt of direct employment applications. This continues to pose challenges to ensure coverage of all treatment plants.

Bushfire Risk - Safety Concern

Potential bushfire risk around Clermont Water and Wastewater Treatment Plants, Theresa Creek Dam and Glenden Wastewater Treatment Plant and Effluent Storage Dam. Installation of fire breaks are being investigated.

BUSINESS SERVICES

PREVIOUS MONTH'S PROGRAM:

Staff recruitment

All recently advertised vacancies in the Business Services team have been filled with the successful candidate for the Team Leader – Customer Administration commencing on 23 October.

Raw Water Supply Agreements

Several meetings have been held with Pembroke Resources to progress the draft Water Supply Agreement with a view to finalising it prior to the end of the calendar year following more than 2 years of negotiations.

Customer Administration Team

Achievements and areas of focus for October:

- Onboarding new team member
- Documentation of procedures in line in accordance with IMS
- Commencement of planning for summer water billing process using meter reading contractors for a second time.

- Onsite field training from Mackay Regional Council to trial the use of Taggle Field App for network plumbers to reduce manual data entry when installing new Taggles and/or meters.

Compliance and IMS Team

Achievements and areas of focus for October:

- Continued support for the Directorate to resolve outstanding ICT long tail issues in conjunction with the ICT team.
- Follow up with Department of Environment and Science on submissions requiring their feedback.
- Legislative deadlines were met for all annual statutory compliance submissions with improvements identified for reporting process for next financial year.
- Received final IMS Surveillance Audit report – input and allocated all findings and associated actions into Lucidity.
- Undertook IMS quarterly management review.

WATER & WASTE COMPLIANCE – OCTOBER 2023

All external compliance reporting is currently up to date.

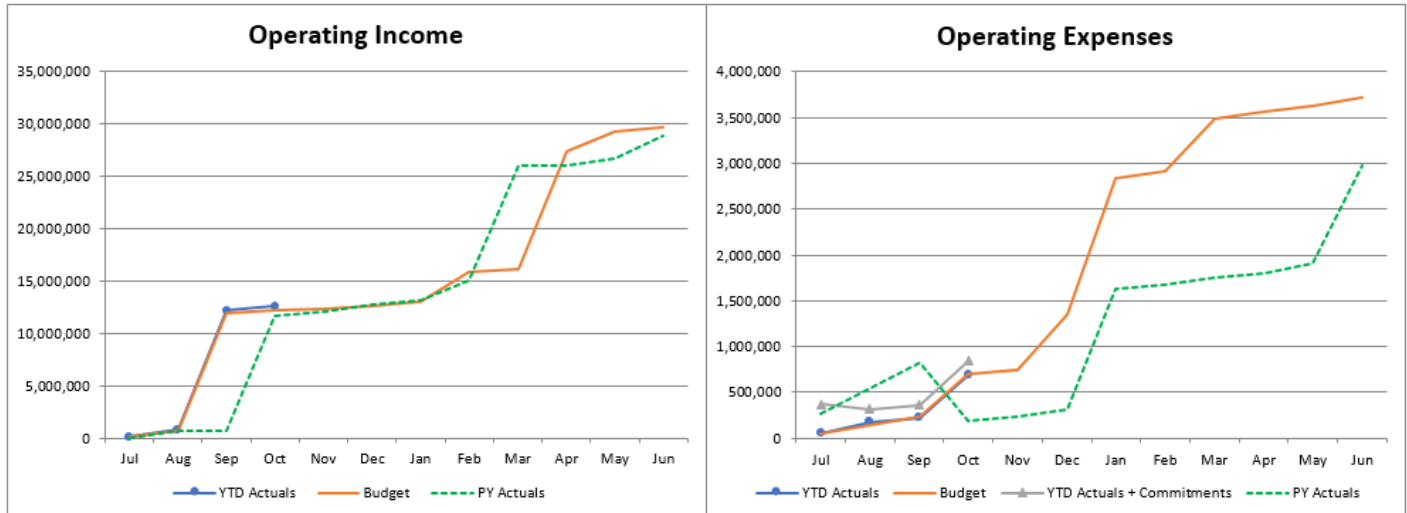
Non-compliance with the Department of Environment and Science (DES)

Date of breach	Community	Medium	Location	Parameter	Written notification to Regulator
03/10/2023	Moranbah	Sewage	SPS1	Overflow	Yes

Non-compliance with the Department of Regional Development, Manufacturing, and Water (DRDMW)

Date of breach	Community	Medium	Location	Parameter	Written notification to Regulator
Nil					

FINANCIAL REPORT:



DEVIATION FROM BUDGET AND POLICY:

Income and Expenditure is within budget for the period.

NEXT MONTH'S PROGRAM:

Customer Administration Team

Areas of focus for November

- Team development with new team leader
- Data cleansing in preparation for summer water billing period
- Review and update of Meter Reading Plan
- Coordinated AMR and meter replacement program with network plumbing team.
- Working with procurement to hold replacement Taggles and Meters in IRC Store

Compliance & IMS

Areas of focus for November

- REMP Annual reports due end of November
- Participate in review of DWQMP.
- Review of Document Review Procedure with Corporate Services & Governance team and implications for IMS
- Participate in corporate risk management workshops.
- Develop IMS internal audit and annual surveillance plan for 2024.

Water Restrictions

No changes to Water Restrictions during October 2023 although the need for these will be considered in November as temperatures continue to rise.

CURRENT & PROJECTED	LEVEL 1 (L1)		LEVEL 2 (L2)		LEVEL 3 (L3)	
	Start Date	End Date	Start Date	End Date	Start Date	End Date
Location						
Middlemount (L1)	16/03/2019	18/11/2019	18/11/2019	10/01/2021	01/11/2021	05/11/2021
	05/11/2021					

WATER AND WASTEWATER

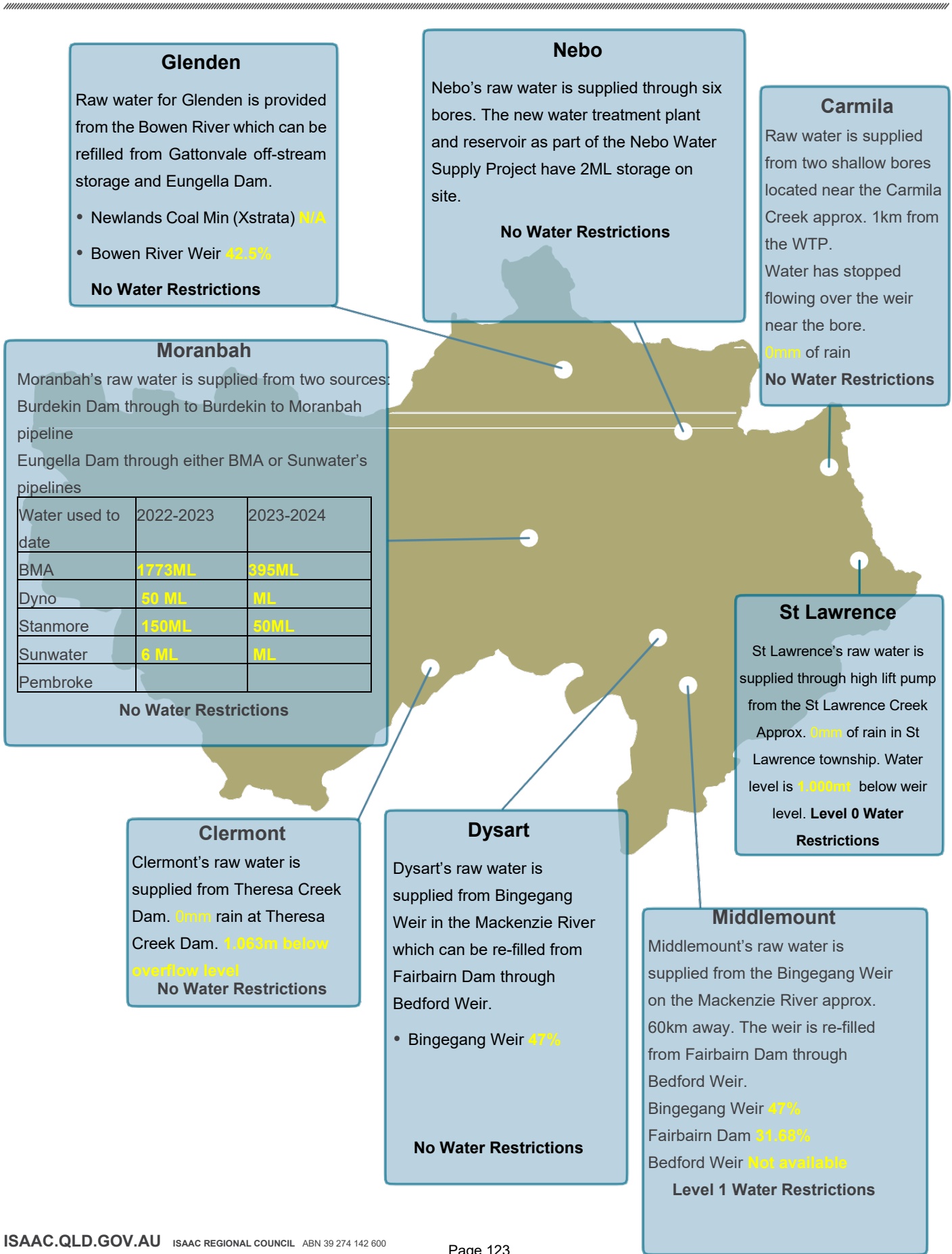
MONTH'S ACHIEVEMENTS:

- Site inspections and risk assessments of all Water Treatment Plants for the Isaac Regional Council DWQMP biennial review.
- Submission to Department of Environment and Science (DES) of the Nebo Wastewater Treatment Plant soil and ground water monitoring reports.
- Favourable feedback from DES regarding ammonia limit for recycled water release to Grosvenor Creek.
- Access obtained to Anglo land for viewing potential sampling locations for Grosvenor Creek release.
- Nebo Irrigation Management Plan finalised – operator training planned.
- Amendment of Work instruction to maintain residual chlorine in drinking water network in Middlemount.
- Transitional Environment Program (TEP) Final Report complete and awaiting submission to DES ahead of TEP closure on 1 November 2023.
- TEP Annual Return submitted to DES.
- Nebo Wastewater effluent returned to historical Total Nitrogen levels.
- Whilst investigation of a sink hole was being carried out at one of the Dysart Work Camps it was discovered that a Council Main had cracked. Immediate action was taken to clean the area and repair the cracked main.
- The Council Parks in Bushlark Estate and the Red Bucket area outside of Moranbah had no supply of effluent water for their irrigation. After extensive investigation it was found that a control valve feeding the effluent main, had been isolated. This valve was reopened, air bled the main and the irrigation systems to these parks are again operational.
- Engagement of an Apprentice Plumber in Dysart has been completed. The Plumbing Apprentice in Middlemount has completed Tafe and was successful in completing all the modules presented.

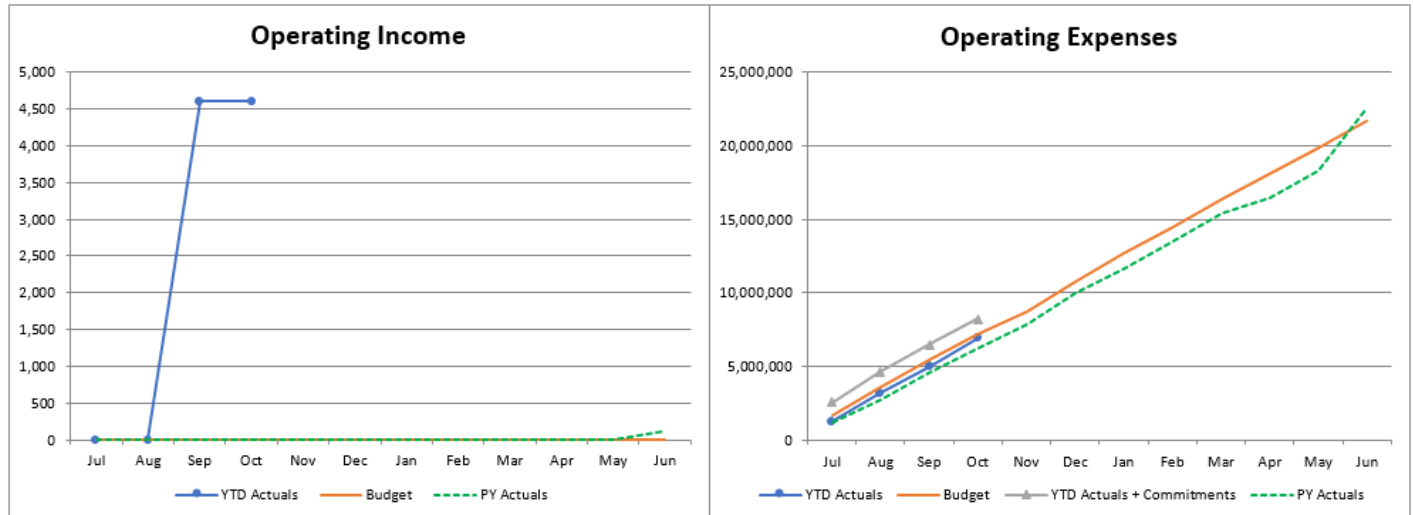
RAW WATER SOURCES FOR ISAAC REGIONAL TOWNS:

The following diagram provides an update on raw water sources, water levels in dams, water used to date if applicable, and current water restrictions in place for each Isaac regional town.

The status of all storage is currently healthy with no anticipated changes to water restriction levels.



FINANCIAL REPORT:



DEVIATION FROM BUDGET AND POLICY:

Expenditure is within budget for the period.

PREVENTATIVE MAINTENANCE PROGRAM

The flow meter service has been completed for 14 treatment plants. This annual service helps verify flow meter accuracy and reliability and will also be used to pursue regulatory compliance and quality assurance.

The servicing of 98 water treatment plant and wastewater treatment plant online analysers will commence on 31st October for the following two weeks. This service will increase the reliability of the water quality and treatment process.

Chlorine gas disinfection is a critical process for water and wastewater treatment to prevent public health issues. Pre-start meeting for the chlorination system servicing contract has been completed and the schedule for the service will be reviewed. This bi-annual service will secure the equipment's continued functionality and a safe workplace for staff.

Annual pressure vessel inspection service has been completed for 25 pressure vessels, along with condition assessments and service reports. WorkSafe QLD requires plant registrations and licensing according to the Work Health and Safety Regulation 2011. A total of 17 pressure vessels are registered and require reregistration in Jan 2024.

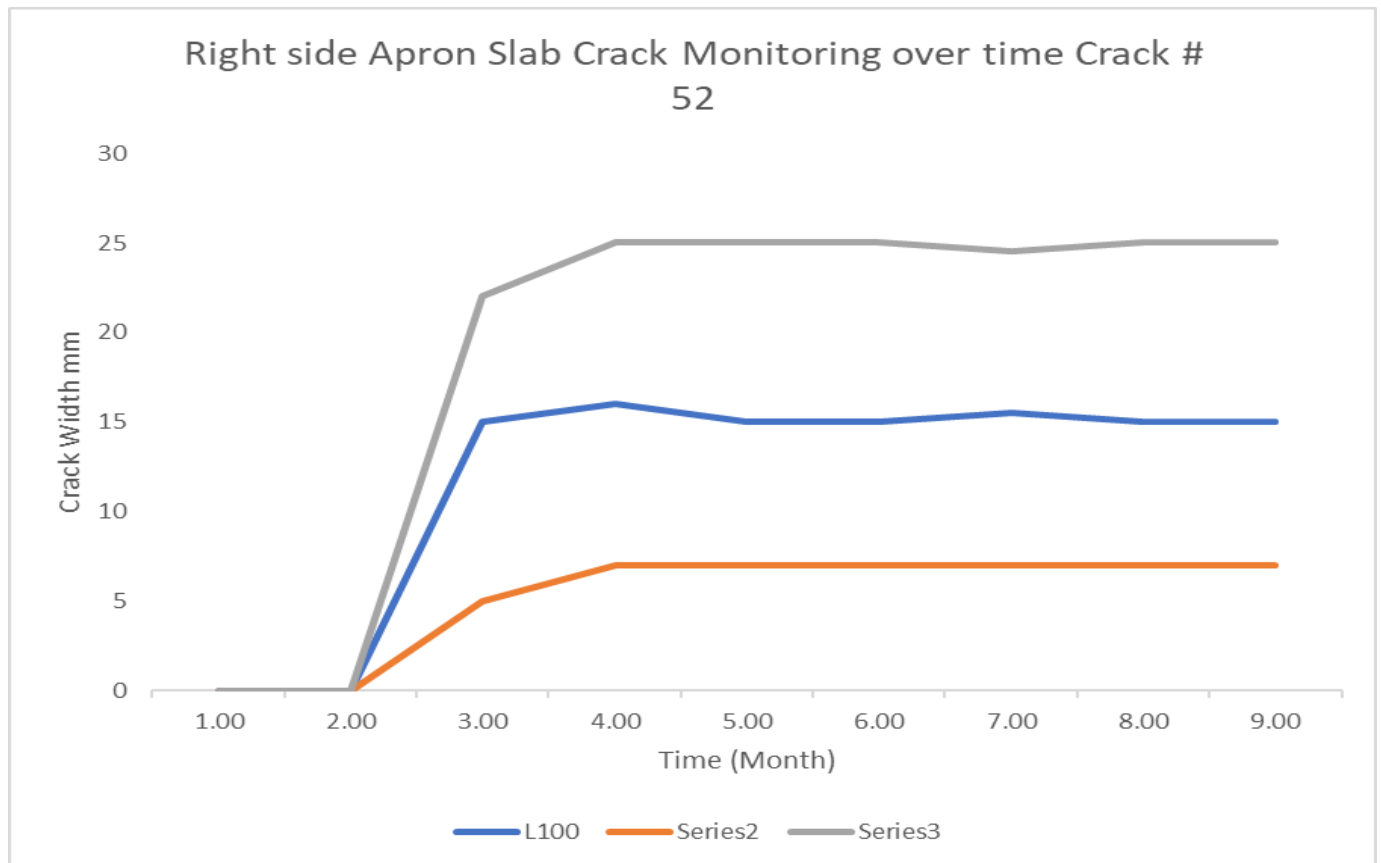
The water and dosing pump maintenance and condition assessment tender has closed, and a preferred tenderer has been selected. This project will further identify pumps that required repairs and replacement.

The generator maintenance program has expired and is presently being rescoped to include all generators across Council.

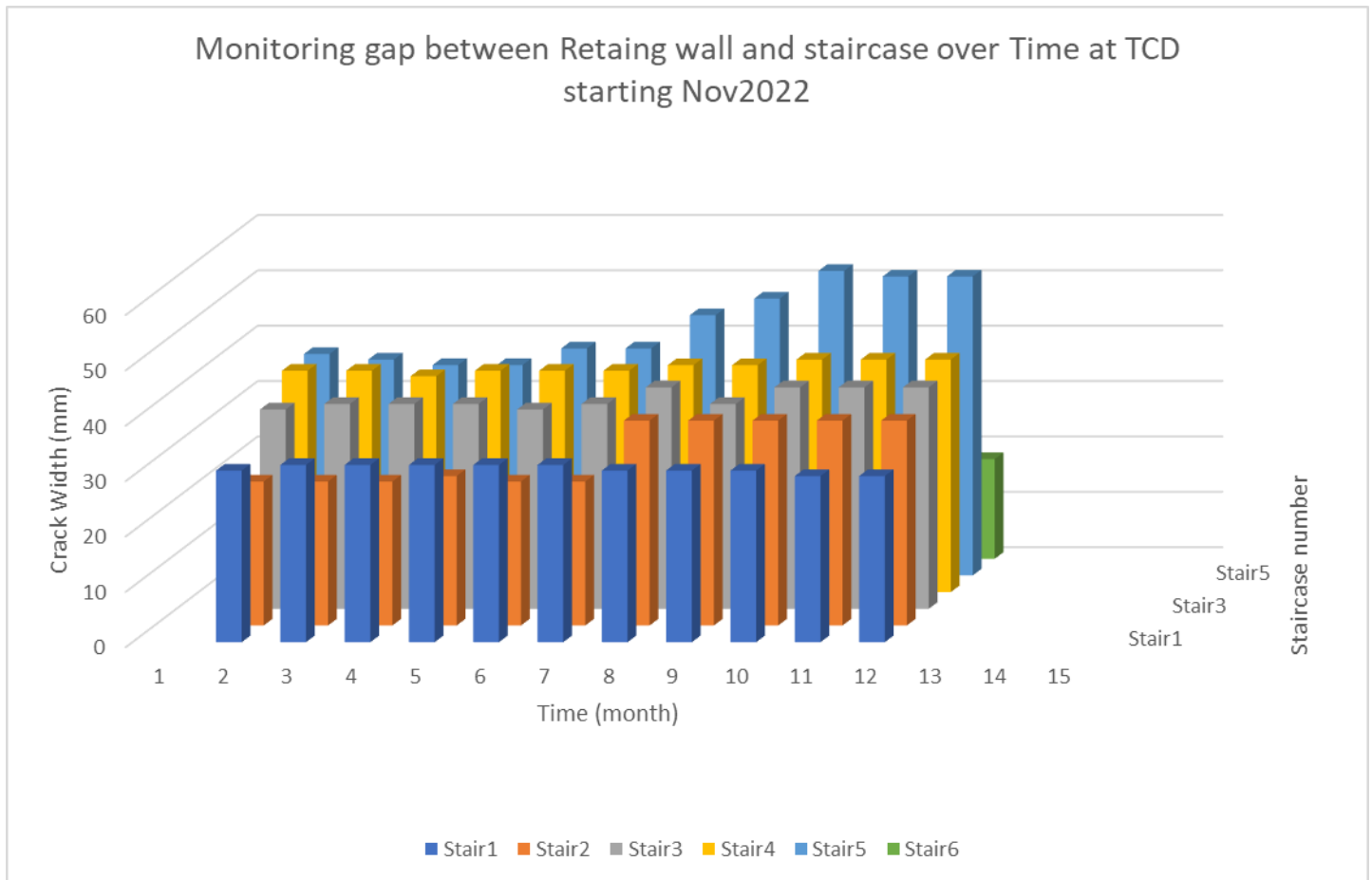
TECHNICAL OFFICER REFERABLE DAMS & EFFLUENT STORAGES

Following are on-going Dam Safety Compliance-based activities to ensure dams structure stability.

- Moranbah Effluent Storage Dam (ESD) and Overflow Storage Dam (OSD) inspections.
- Inspection of St. Lawrence Weir, Nebo ESD and Glenden WTP Reservoir and WWTP ESD and Effluent Storage Ponds (ESP).
- Inspection of Dysart ESD and Middlemount WTP Reservoir and WWTP ESD.
- Updating Theresa Creek Dam Detailed Operational Maintenance Manual and Site Operational Plan documentation.
- Twice a week structural inspection and seepage data collection at Theresa Creek Dam (TCD), a compliance requirement by the regulator.



Monthly Apron slab cracks measurement (TCD) to monitor dam structure stability.



Monthly data collection to monitor left retaining wall movement at TCD.

The following Projects have been completed:

- Moranbah ESD Sinkhole and animal burrows repair.
- Moranbah ESD, all woody plants, and trees completely removed.
- Boundary fence repair completed at Glenden WWTP.



Moranbah ESD sinkhole before rehabilitation.



Moranbah ESD after woody plants and tree removal and after sinkhole rehabilitation

The following Projects are in Progress:

- Repair Moranbah Overflow Storage Dam (OSD) HDPE liner.
- Repair the gabion box at Moranbah ESD.
- Investigation into the process to treat Blue Green Algae at all Effluent Storage Dams, particularly Dysart.

WASTE SERVICES

PREVIOUS MONTH'S ACHIEVEMENTS:

Waste and Recycling Presentation – Primary Schools

A further presentation was given to Carmila State School by Projects and Contracts Coordinator Waste Services, Sara Sheridan.

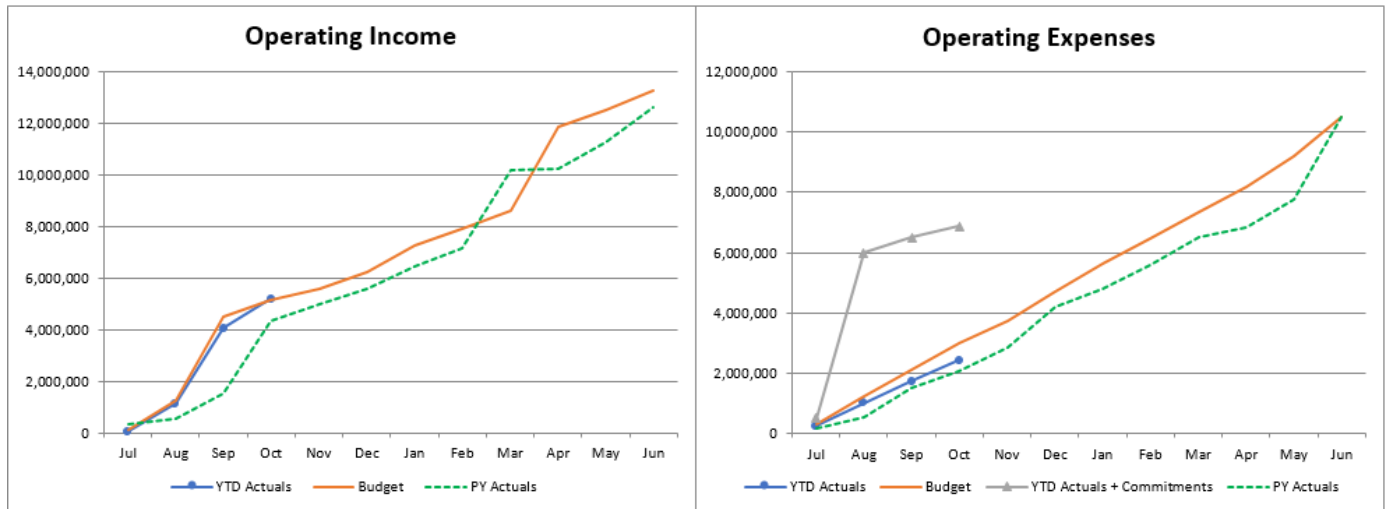


Waste Tonnage and Waste Levy

September saw a total of 2,745 tonnes to landfill equating to \$250,352 in waste levy. October is estimated to be similar to Q1 with 2,532 tonnes landfilled at 26 October.

The waste levy monthly average is tracking at \$251k.

FINANCIAL REPORT:



DEVIATION FROM BUDGET AND POLICY:

Nil for October 2023.

OPERATONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

Waste & Recycling Contract 23/24 FY						
	Number of missed services	Collection of Missed Service		Bin Repair / Replacements		
KPI	<10/5000 Services = less than 390 missed services for the month	No of missed bins collected within 36 hours	90% within 36 hours of contractor being notified	No of requests	No of requests completed within 5 working days	90% within 5 working days of request
Q1	1518	1516	100%	65	59	91%
Waste and Recycling Performance 23/24 FY						
KPI	Tonnes to Landfill (ex Clean Soil)	Tonnes to RRA Stockpiles	Tonnes diverted via Kerbside Recycling	Tonnes sent off site for Sale or to processor	% of Waste diverted from Landfill	No of Kerbside Recycling Services Vs Presentation rate
Q1	N/A	N/A	N/A	N/A	>25%	30,212 = 46%
Q1	8,265	2,221	163	1595	22%	
Compliance 23/24 FY						
KPI	Compliance with Environmental Authority (EA)	Notice of scheduled site closures	Customer complaints non-price related	Nuisance complaints (odour/litter)		No of Transactions
Q1	No of reportable regulatory notices	>7 days notice	Number of complaints / 1,000 transactions / site <10 / annum	Number of complaints / 1,000 transactions / site <20 / annum		N/A
Q1	1 - Fire at Dysart WMF	1 - Kings Birthday	0	1 - Neighbouring business odour complaint (MBH WMF)		18,101

NEXT MONTH'S PROGRAM:

Scheduled to Commence During Next Month

Project Name/ Description	Scheduled End Date	Comments/Exceptions

Procurement for Processing of Green waste and other certain wastes	30 November 2023	
Procurement for transition to transfer station – Glenden Waste Facility	30 June 2024	
Preparation for National Recycling Week	30 October 2023	
Moranbah Landfill Gas Recovery	TBC	Preparation of an EOI to procure suitable providers

DEVELOPING INITIATIVES / ISSUES:

Continuing planning and collaboration of annual comms with the BMC team including a new Waste Management Campaign.

PLANNING AND PROJECT DELIVERY

PREVIOUS MONTH'S ACHIEVEMENTS:

In October 2023, no new projects were awarded; however, the following tender was in progress:

- **CW233156 Clermont Waste Management Facility Reconfiguration and Weighbridge Installation:**
 The tender documentation was released to the market on 24 October 2023. As of the time of writing this report, the tender remains open.

ACTIVITIES COMPLETED

CW222974 - CORP SEWER RELINING

The scope of this project includes comprehensive CCTV camera inspections of sewer mains in Moranbah and Dysart, relining of defective sewers using a structural liner, and post-relining CCTV inspections. The contract was awarded in September, followed by a productive pre-commencement meeting on 11 Oct 2023. Site possession was granted on 23 Oct 2023. The contractor is scheduled to commence work at the site on 31 Oct 2023.

CW233156 - CLM WMF WEIGHBRIDGE INSTALLATION

This project involves the design and construction of a weighbridge, the establishment of an associated gatehouse and access road, and the integration of a waste data recording system (Mandalay) at the Clermont landfill facility. A consultancy firm has been engaged to provide support services throughout the tendering and construction phases. The project's tender was released to the market on 24 Oct 2023. A pre-tender site visit is scheduled for one week after the release date, with the tender set to close on 14 Nov 2023.

CW22970 MBH WTP BOBY PLANT FILTER MEDIA REPLACEMENT

The project's Scope of Works was completed on 21 Oct 2023. The filter base was welded, nozzles were cleaned and reinstalled, and the filter media material (Zeolite) was installed in six (6) filters. Additionally, the

contractor resolved a blocked clarifier drain using high-pressure air at no charge to the Council. Water Operations have initiated the process of cleaning clarifiers, checking dosing and pump units, and ensuring the functionality of the system. The Boby WTP is undergoing multiple operational cycles and backwashes until the drinking water standards are met. Treated water will only be transferred to clear water tanks upon meeting the acceptable standards.



Image 1: Filter Media placement in progress



Image 2: Filter media replacement complete

CW222983 - CLM TCD FLOATING OFF-TAKE STRUCTURE

Initially, the project was scheduled for completion by 15 Sep 2023. However, following the floating of the HDPE pipe, connection of the inlet screen, and preparation of the pontoon, an unforeseen issue emerged. Both Intakes 1 & 2 were discovered to be situated below the silt level, a latent condition that was unexpected despite recent successful dredging in the area.

In response to this discovery, a variation for dredging around the intake tower was submitted to facilitate progress. The contractor is set to collect the dredge and transport it to Theresa Creek Dam, along with other necessary materials and equipment. Dredging operations are planned to commence in the first week of November 2023.

CW223000 – MBH LANDFILL PHASE 2 STAGE 2

Construction began in August 2023 with ongoing support from a consultancy firm providing construction superintendency, design revisions, and quality assurance testing. The project is progressing smoothly and adhering to the revised program. Construction of the landfill floor layer and walls has been completed, and the installation of the Geosynthetic Clay Layer and Geomembrane Liner is currently underway, closely monitored for quality control. Temporary pauses in welding have been instructed by the consultant due to excessive temperatures but remedial measures have been put in place to address this situation.



Image 3: Shaping of the cell banks and trench



Image 4: Laying Geo-membrane in progress



Image 5: Laying Geo-membrane in progress

CW222983 MBH WTP ROOF REPLACEMENT

The contractor has confirmed the readiness of steel and roof sheeting materials for delivery. Finalisation of the delivery timeline from the factory is in progress to align with the planned construction program. The construction of the new roof is scheduled to commence before Christmas.

CW233151 ST LAWRENCE RAW WATER STORAGE & RAW WATER MAIN

The preparation and review of the Design & Construct tender documentation for the Raw Water Tank at the Water Treatment Plant are currently underway, incorporating received stakeholder comments. The construction of the new Raw Water Main is in progress, with the under-bore expected to be completed by 25 Oct 2023, ensuring that the project is currently meeting its timeline.



Image 6: Under-boring completed



Image 7: Pipe laying in progress

CW222971 - CLM WATER NETWORK AUGMENTATION

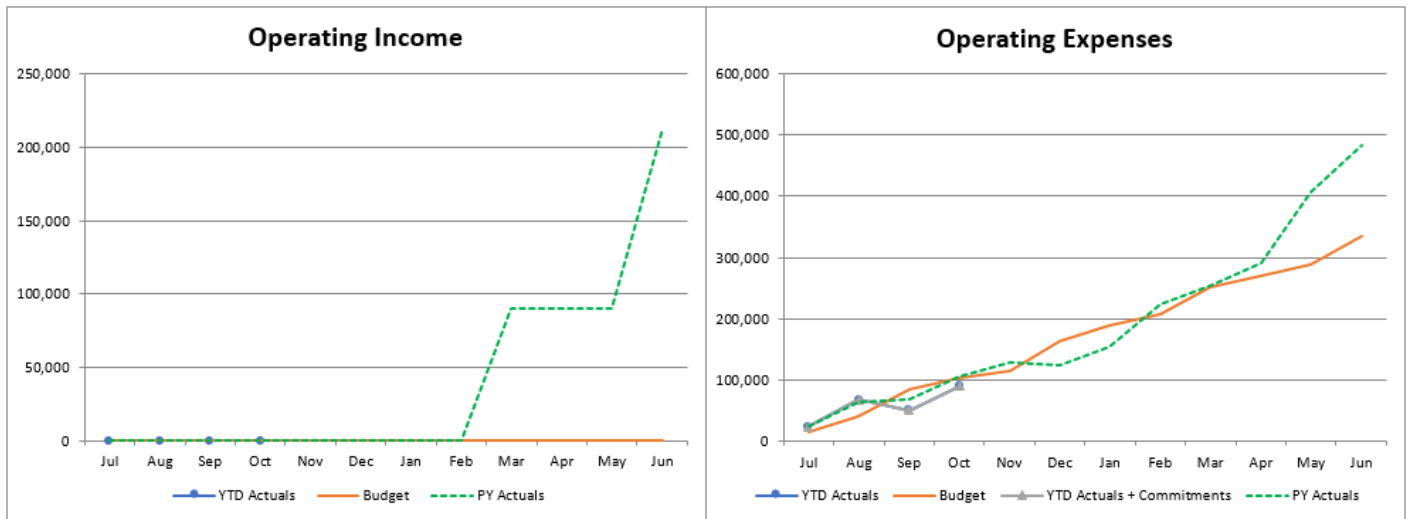
The next milestone of this project is to finalize 80% progress in the design drawings. The project is on track for completion in December 2023. Various government funding options for construction are currently under exploration.

PREVIOUS MONTH'S ISSUES:

The Planning & Projects department faced persistent challenges last month, mainly due to construction delays and unanticipated extensions in the scope of works, resulting from unforeseen on-site conditions and circumstances.

To address ongoing resourcing challenges in the project management domain, the Planning & Projects department has continued to enlist support from various external consultants, specifically for supervising the construction of larger projects. Additionally, the department welcomed a new Project Manager, who assumed his role in early October.

FINANCIAL REPORT:



As of 25 October 2023, Water and Wastewater actual expenditure totals \$1,290,217 representing 11% of the budget (\$12,002,593) and a total spend inclusive of tender commitments of \$5,508,089 which represents 46% of the budget.

As of 25 October 2023, Waste Services actual expenditure totals \$2,900,217 representing 20% of the budget (\$14,258,407) and a total spend inclusive of tender commitments of \$9,142,864 which represents 64% of the budget.

The combined Water & Waste actual expenditure totals \$4,190,434 representing 16% of the budget (\$26,261,000) and a total spend inclusive of tender commitments of \$14,650,954 representing 56% of the budget.

EXPENDITURE SUMMARY

Water & Wastewater	October 2023	September 2023
Actuals Program Expenditure to date	\$1,290,217	\$928,059
Actual Program Expenditure including Tender commitments to date	\$5,508,089	\$5,266,272
Waste		
Actual Program Expenditure to date	\$2,900,217	\$798,827
Actual Program Expenditure including Tender commitments to date	\$9,142,864	\$8,933,759

OPERATIONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

Strategy (i.e., C5)	Service Area	Description	Highlight/Exception, including explanation
I6	Effective and Efficient Capital Works Delivery	Implementation of effective project and contract management systems and procedures: <ul style="list-style-type: none"> • >90% of the capital program delivered to budget 	Monitor
		Implementation of effective project and contract management systems and procedures: <ul style="list-style-type: none"> • >90% of all subprograms in the W&W capital program are completed on time and in budget 	Delay in the delivery of some projects has been reflected in under-expenditure for actuals. Monitor

NEXT MONTH'S PROGRAM:

The Planning and Project team's focus for the upcoming month includes initiating tender documentation for several projects, making progress with projects in the tendering stages, and achieving physical progress in ongoing larger projects despite unforeseen construction issues on site.

Capital Projects Update

For an update on the program at the project level, refer to the Water and Waste 2023-2024 Capital Projects Progress Report and associated attachment.

<p>Report prepared by: SCOTT CASEY Director of Water and Waste</p> <p>Date: 1 November 2023</p>	<p>Report authorised by: KEN GOULDTHORP Chief Executive Officer</p> <p>Date: November 2023</p>
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