

# NOTICE OF MEETING

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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, 10 MAY 2023**  
COMMENCING AT 1.00PM  
COUNCIL CHAMBERS - MORANBAH

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**JEFF STEWART-HARRIS PSM**

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.

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**WATER AND WASTE  
ORDINARY COMMITTEE MEETING  
OF ISAAC REGIONAL COUNCIL TO  
BE HELD ON  
WEDNESDAY 10 MAY 2023  
COUNCIL CHAMBERS, MORANBAH**

1. OPENING OF THE MEETING
  - 1.1 ACCEPTANCE OF PARTICIPATION BY VIDEO CONFERENCE
2. APOLOGIES
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

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## 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 15 March 2023.

## 5. OFFICER REPORTS

### 5.1 WATER AND WASTE 2022-2023 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 delivery of the Water and Waste 2022/2023 Capital Works Program.

# TABLE OF CONTENTS

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## 6. INFORMATION BULLETINS

### 6.1 WATER AND WASTE INFORMATION BULLETIN – MAY 2023

#### EXECUTIVE SUMMARY

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

## 7. GENERAL BUSINESS

## 8. CONCLUSION

# UNCONFIRMED MINUTES

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WATER AND WASTE STANDING COMMITTEE MEETING OF  
**ISAAC REGIONAL COUNCIL**

HELD ON  
**WEDNESDAY, 15 MARCH 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 15 MARCH 2023**

<b>Table of Contents</b>	<b>Page</b>
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	12
7. General Business	13
8. Conclusion	14

**ISAAC REGIONAL COUNCIL**  
**UNCONFIRMED MINUTES OF THE**  
**WATER AND WASTE**  
**STANDING COMMITTEE MEETING**  
**HELD IN COUNCIL CHAMBERS, MORANBAH**  
**ON WEDNESDAY 15 MARCH 2023 COMMENCING AT 1.00PM**

**ATTENDANCE** Chair, Cr Simon West, Division Four  
Cr Greg Austen, Division One  
Cr Kelly Ve a Ve a, Division Five  
Cr Carolyn Franzmann, Division Six

**OFFICERS PRESENT** Mr Jeff Stewart-Harris, Chief Executive Officer  
Mrs Lisa Tonkin, Manager Business Services  
Mr Karl Murdoch, Manager Waste Services  
Mr Stephen Wagner, Manager Operations and Maintenance  
Mr Amal Meegahawattage, Manager Planning and Projects  
Mr Gary Carlyle, Planning Engineer  
Mr Seungchan Bang, Maintenance Planner  
Mr Neill Thompson, Project Manager - Planning and Project Development  
Mrs Zoe Behrendt, Acting Manager Business Services  
Mrs Tricia Hughes, Coordinator Executive Support  
Mrs Chantel Potter, Executive Assistant

## 1. OPENING

The Chair declared the meeting open at 1.00pm and acknowledged the traditional custodians of the land on which we meet today and paid his respects to their Elders past, present and emerging.

## 2. APOLOGIES

An apology has been received from Mayor Anne Baker and Mr Scott Casey.



**Resolution No.: W&W0416**

**Moved: Cr Austen**

**Seconded: Cr Vea Vea**

**That the Water and Waste Standing Committee accepts the apology received from Mayor Anne Baker.**

**Carried**

### 3. DECLARATION OF CONFLICTS OF INTEREST

No conflict of interests declared this meeting.

### 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 8 February 2023.

**Resolution No.: W&W0417**

**Moved: Cr Vea Vea**

**Seconded: Cr Austen**

**That the minutes from the Water and Waste Standing Committee meeting held in Council Chambers, Moranbah on Wednesday 8 February 2023 are confirmed.**

**Carried**

## 5. OFFICERS REPORTS

### 5.1 Water And Waste 2022-2023 Capital Projects Progress Reports

#### EXECUTIVE SUMMARY

This report is to provide an update to the Water and Waste Standing Committee and Council of the progress in delivery of the Water and Waste 2022/2023 Capital Works Program.

#### OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

- 1. Receives and notes the monthly Water and Waste 2022/2023 Capital Projects Progress Summary Report.**

Resolution No.: W&W0418

Moved: Cr Vea Vea

Seconded: Cr Franzmann

**That the Committee recommends that Council:**

- 1. Receives and notes the monthly Water and Waste 2022/2023 Capital Projects Progress Summary Report.**

**Carried**

### 5.2 Scada Modernisation - Program Update March 2023

#### EXECUTIVE SUMMARY

The purpose of this report is to provide an update of the Supervisory Control and Data Acquisition (SCADA) program including progress on implementing this program and activities planned to occur in the medium term.

## OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

- 1. Receives and acknowledges this update on the SCADA Modernisation Program.***

Resolution No.: W&W0419

Moved: Cr Austen

Seconded: Cr Vea Vea

**That the Committee recommends that Council:**

- 1. Receives and acknowledges this update on the SCADA Modernisation Program.**

**Carried**

### NOTE:

- Cr Vea Vea has requested for an addendum to the report to include what solutions are being put in place to manage the risks.
- Request for future reporting (all capital deliverables) that management of risks and solutions are included for Council review and consideration.
- The Chief Executive Officer advised that an update on recent Capital Peer Review Outcomes will be provided to Councillors at the next Strategic Planning Day.

## 5.3 Procurement Compliance for Engagement of Process Engineer

### EXECUTIVE SUMMARY

The purpose of this report is to retrospectively ratify and obtain approval for the past cost incurred from November 2022 through to February 2023 and continued engagement of Simmonds and Bristow for Process Engineering services through to the end of the 2022-2023 financial year, that were and are non-compliant under the *Local Government Regulation 2012*.

## OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

- 1. Notes that the engagement of a labour hire Process Engineer through Simmons and Bristow for the period 1 November 2022 to current has been non-compliant due to the expiry of Local Buy Panel BUS262 which the original engagement occurred through.***

- 
- Retrospectively approves the engagement of a labour hire Process Engineer from Simmons and Bristow for the period 1 November 2022 to 29 March 2023.***
  - Following review of three quotations for similar or equivalent skilled positions approves the engagement of a labour hire Process Engineer from Simmons and Bristow for the period 30 March 2023 to 30 June 2023.***

**Resolution No.: W&W0420**

**Moved: Cr Austen**

**Seconded: Cr Vea Vea**

**That the Committee recommends that Council:**

- Notes that the engagement of a labour hire Process Engineer through Simmons and Bristow for the period 1 November 2022 to current has been non-compliant due to the expiry of Local Buy Panel BUS262 which the original engagement occurred through.**
- Retrospectively approves the engagement of a labour hire Process Engineer from Simmons and Bristow for the period 1 November 2022 to 29 March 2023.**
- Following review of previously supplied quotations (three) for similar or equivalent skilled positions approves the engagement of a labour hire Process Engineer from Simmons and Bristow for the period 30 March 2023 to 30 June 2023.**
- Notes that notification arrangements have been put in place to identify the end of local buy panel arrangements in timely manner to enable subsequent supplier arrangements to be put in place for business continuity.**
- Considers funding in the FY2024 Budget for a Process Engineer resource as either an employee or a contractor to fill this organisational need.**

**Carried**

**NOTE:**

**The Committee requests that an addendum is added to the report to include the costs for the engagement of a labour hire Process Engineer from Simmons and Bristow and the budget that this service is funded from.**

## ATTENDANCE

Mr Jeff Stewart-Harris left the meeting room at 1.42pm and returned at 1.43pm.

Mr Jeff Stewart-Harris left the meeting room at 1.43pm.

## 5.4 Effluent Reuse Strategy Part 1 Report

### EXECUTIVE SUMMARY

This report summarises the outcomes of the Effluent Reuse Strategy Part 1. The Strategy is to be delivered in two parts. Part 1 provides the outcomes of investigations dealing with requirements 4 and 5 of an Environment Protection Order (EPO) issued by the Department of Environment and Science (DES) for the Moranbah Wastewater Treatment Plant. Part 2 will expand on the Part 1 investigations for Moranbah and investigate the Recycled Water Networks in Clermont, Dysart, Middlemount and Glenden.

### OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

1. *Receives and notes the Effluent Reuse Strategy Part 1 Report.*

Resolution No.: W&W0421

Moved: Cr Franzmann

Seconded: Cr Vea Vea

That the Committee recommends that Council:

1. **Receives and notes the Effluent Reuse Strategy Part 1 Report and notes that some of the solutions proposed could be superseded once the Effluent Reuse Strategy Part 2 Report is presented in May 2023.**

**Carried**

### ATTENDANCE

Mr Karl Murdoch left the meeting room at 1.45pm and returned at 1.47pm.

## 5.5 3rd Quarter Report - Water Quality Reliability Investigation Action Plan Deliverables

### EXECUTIVE SUMMARY

The purpose of this report is to present to Council the 3<sup>rd</sup> quarter report for the Water Quality Reliability Investigation Action Plan Deliverables.

## OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

- 1. Receives and notes the 3<sup>rd</sup> Quarter Water Quality Reliability Investigation Action Plan Deliverables.*

Resolution No.: W&W0422

Moved: Cr Franzmann

Seconded: Cr Vea Vea

**That the Committee recommends that Council:**

- 1. Receives and notes the 3<sup>rd</sup> Quarter Water Quality Reliability Investigation Action Plan Deliverables.**

**Carried**

### NOTES:

The Committee have requested that the proposed or actual commencement date or other relevant commentary regarding commencement of actions is added to the plan.

## ATTENDANCE

Mr Jeff Stewart-Harris entered the meeting room at 2.10pm.

## 5.6 Water Service Area Legislation

### EXECUTIVE SUMMARY

The purpose of this report is to present to Council clarification on the interpretation of the *Water Supply Safety and Reliability (WSSR) Act 2008* with regard to the formation and implementation of water service areas.

## OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

- 1. Receives and acknowledges the legal advice clarifying Water Service Area legislation; and*
- 2. Supports the review of existing water service areas.*

Resolution No.: W&W0423

Moved: Cr Austen

Seconded: Cr Vea Vea

That the Committee recommends that Council:

1. Receives and acknowledges the legal advice clarifying Water Service Area legislation; and
2. Supports the review of existing water service areas commencing with Clermont with a further report to be submitted to Council with options (cost analysis, legal and legislative obligations, reputation etc) for consideration at the September 2023 Water and Waste Standing Committee Meeting.
3. Notes that the Chief Executive Officer will seek further legal advice forthwith regarding acceptable timeframes for a review of the water service area.
4. Notes that there is currently no budget or resource allocations to undertake this body of work and requests the Chief Executive Officer provide Council with options about how to address this.

Carried

## 5.7 Water and Wastewater Preventive Maintenance Programme

### EXECUTIVE SUMMARY

This report summarises the pathway of the Water and Wastewater Preventive Maintenance Programme and the outcomes of the programme to date.

### OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

1. *Notes the contents of the Water and Wastewater Preventive Maintenance Programme Report.*

Resolution No.: W&W0424

Moved: Cr Franzmann

Seconded: Cr Vea Vea

That the Committee recommends that Council:

1. Notes the contents of the Water and Wastewater Preventive Maintenance Programme Report.

Carried

## 5.8 Annual Review Landfill Management Contracts

### EXECUTIVE SUMMARY

This report provides a review of the performance of the Waste and Recycling Collection Contracts IRCT2083-0620-192 over the twelve (12) months from December 2021 to December 2022.

### OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

- Notes the report on the December 2021 to December 2022 annual review on the performance of the Management of Council's Landfill sites for Contract IRCT2083-0620-192.**

Resolution No.: W&W0425

Moved: Cr Austen

Seconded: Cr Vea Vea

That the Committee recommends that Council:

- Notes the report on the December 2021 to December 2022 annual review on the performance of the Management of Council's Landfill sites for Contract IRCT2083-0620-192.**

**Carried**

## 5.9 Water and Waste Integrated Management System Update

### EXECUTIVE SUMMARY

The purpose of this report is to provide a six (6) monthly update on activities relevant to the Water and Waste Directorate's Integrated Management System (IMS). This report is intended to compliment but not restate targets, outcomes or matrixes reported through other means including the Water and Waste Annual Performance Plan, Annual Operational Plan or Regulatory Compliance Quarterly Report.

### OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

- Receives and acknowledges the content of this report on the status and outcomes of activities relevant to the Water and Waste Directorate's Integrated Management System (IMS).**



Resolution No.: W&W0426

Moved: Cr Vea Vea

Seconded: Cr Austen

That the Committee recommends that Council:

1. Receives and acknowledges the content of this report on the status and outcomes of activities relevant to the Water and Waste Directorate's Integrated Management System (IMS).

Carried

## 6. INFORMATION BULLETIN REPORTS

### 6.1 Water and Waste Information Bulletin – March 2023

#### EXECUTIVE SUMMARY

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

#### OFFICER'S RECOMMENDATION

That the Committee:

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

Resolution No.: W&W0427

Moved: Cr Franzmann

Seconded: Cr Austen

That the Committee:

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

Carried

## 7. GENERAL BUSINESS

### 7.1

Cr Kelly Veve raised the recent announcement by the Queensland Government - Spotlight on solar panels in draft drive to recycle and reduce landfill.

- Queensland will consult on a proposal to ban the dumping of end-of-life solar panels in landfill
- The Palaszczuk Government will pilot a solar panel recycling scheme led by industry
- The consultation is part of a draft plan to tackle e-waste across Queensland
- It builds on a broader \$1.1 billion Recycling and Jobs Fund that's driving Queensland's zero waste transition

Queenslanders are being encouraged to have their say on a proposal to recycle items like solar panels and repair other e-products instead of sending them to landfill, to protect our great lifestyle.

Cr Veve seeks to understand what this means for the Isaac Region from a domestic level and from a region that hosts large scale solar farms. What are the possible impacts on our Region?

Cr Veve requests that Council consider lodging any submissions relevant to this matter and asks that Council's Advocacy Team is included in preparation of the submissions.

**ACTION: MANAGER WASTE SERVICES AND HEAD OF ADVOCACY AND EXTERNAL AFFAIRS**

### 7.2 Water Leak Mills Avenue, Moranbah

The Chair, Cr West enquired if the large leak on Mills Avenue is a result of any Water and Waste infrastructure or activities.

The Manager Operations and Maintenance advised that an extensive investigation has occurred, and he could advise that the leak is not a result of any Water and Waste Infrastructure or activities.

### 7.3 Effluent Water Capacity/Flow

The Chair raised an enquiry from the Engineering and Infrastructure Steering Committee which sought clarification on why there is insufficient effluent water capacity/flow to provide adequate water supply for irrigation of the parks and medium strips in Moranbah.

# MEETING MINUTES

The Manager Operations and Maintenance advised that with current infrastructure they are delivering at maximum capacity and that a significant upgrade of the infrastructure would be required to provide additional capacity in the system to allow the required capacity to be provided.

**ACTION: MANAGER OPERATIONS AND MAINTENANCE**

**8. CONCLUSION**

There being no further business, the Chair declared the meeting closed at 2.55pm.

These minutes were confirmed by the Committee at the Water and Waste Standing Committee Meeting held on Wednesday 10 May 2023 in Moranbah.

.....  
CHAIR

..... / ..... / .....  
DATE

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## MEETING DETAILS

**Water and Waste Standing Committee Meeting**  
Wednesday 10 May 2023

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## AUTHOR

Amal Meegahawattage

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## AUTHOR POSITION

Manager Planning and Projects

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## 5.1 WATER AND WASTE 2022-2023 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 delivery of the Water and Waste 2022/2023 Capital Works Program.

### OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

1. ***Receives and notes the monthly Water and Waste 2022/2023 Capital Projects Progress Summary Report.***

### BACKGROUND

Progressive updates of the financial and physical position of projects in the 2022/2023 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 2022/2023 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 July 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 2022/2023 Capital Works Program is essential to meet the identified timeframes of the 2022/2023 financial year. This report notes the activities of the Procurement Plan under the Chief Executive Officer's delegation, in line with Resolution number 8005 (2022/2023 Water and Waste Strategic Procurement Plan).

This month, two projects were issued under the Procurement Plan:

1. CW222983 Moranbah WTP Roof Replacement
2. CW223019 Moranbah 400ML Raw Water Dam Remediation

## BENEFITS

Council can see a monthly progress report detailing progress of projects in the Water and Waste 2022/2023 Capital Program. This report communicates risks/failures/delays that have been identified within the Water and Waste 2022/2023 Capital Works program.

## CONSULTATION

- Director Water and Waste
- Manager Operations and Maintenance
- Manager Waste Services
- 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

That the Managers and the Director of Water and Waste oversee the scoping, procurement and the completion of the projects identified within the 2022/2023 Capital Projects Progress Summary spreadsheet. Furthermore, that the appropriate Managers and the Director Water and Waste are held accountable for the delivery of the project stages and are completed within the identified timeframes.

## KEY MESSAGES

That Council has open communication, oversight and transparency of the Water and Waste 2022/2023 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:

AMAL MEEGAHAWATTAGE  
**Manager Planning and Projects**

Date: 3 May 2023

### Report authorised by:

SCOTT CASEY  
**Director Water and Waste**

Date: 3 May 2023

## ATTACHMENTS

- CONFIDENTIAL Attachment 1 – Water and Waste Capital Projects Progress Summary Spreadsheet April 23

## REFERENCE DOCUMENT

- Water and Waste Strategic Procurement Plan

PAGE 22 HAS INTENTIONALLY BEEN REMOVED DUE TO CONFIDENTIAL REASONS

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## MEETING DETAILS

**Water and Waste Standing Committee Meeting**  
Wednesday 10 May 2023

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## AUTHOR

Scott Casey

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## AUTHOR POSITION

Director Water and Waste

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## 6.1

## WATER AND WASTE INFORMATION BULLETIN – MAY 2023

### EXECUTIVE SUMMARY

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

### OFFICER'S RECOMMENDATION

*That the Committee:*

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

### BACKGROUND

The attached Information Bulletin for May 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.

<b>Report prepared by:</b>	<b>Report authorised by:</b>
SCOTT CASEY	JEFF STEWART-HARRIS PSM
<b>Director Water and Waste</b>	<b>Director Water and Waste</b>
Date: 3 May 2023	Date: 3 May 2023

## **ATTACHMENTS**

- Attachment 1 – Water and Waste Information Bulletin – May 2023
- CONFIDENTIAL Attachment 1a – Water & Waste Vacancies April

## **REFERENCE DOCUMENT**

- Nil



DATE: May 2023

## WATER AND WASTE

### DIRECTORATE HIGHLIGHTS

#### EMERGING RISKS:

##### **Business Services Department Resourcing**

March and April period seen the Business Services Department receive several resignations. Business Services Department currently have four vacant positions in various stages of recruitment.

##### **Challenges with Operational Staff Resourcing.**

Unfortunately, we had an operator leave our organisation during April. This places additional pressures on the staff in that town until such time that we are able to find a replacement operator. We continue to have engagement with four (4) Treatment Plant Operators and one (1) Process Engineer contract/labour hire personal. The use of contract operation staff with requirements to only FIFO work rosters continues to cause challenges with total coverage every day.

##### **Effluent Storage Dam**

Effluent Storage Dams (ESD) at Moranbah, Dysart and Middlemount all continue to over top the spillways periodically. Trucks are still carting water and using for dust suppression on dirt roads in Dysart and Middlemount local areas. All other dams also continue to be closely monitored.

## BUSINESS SERVICES

### PREVIOUS MONTH'S ACHIEVEMENTS:

#### Traineeship

Former Business Services Trainee has progressed to be a finalist in the Central Queensland division of the Queensland Training Awards. Judging is currently underway with the regional final to be held in July 2023.

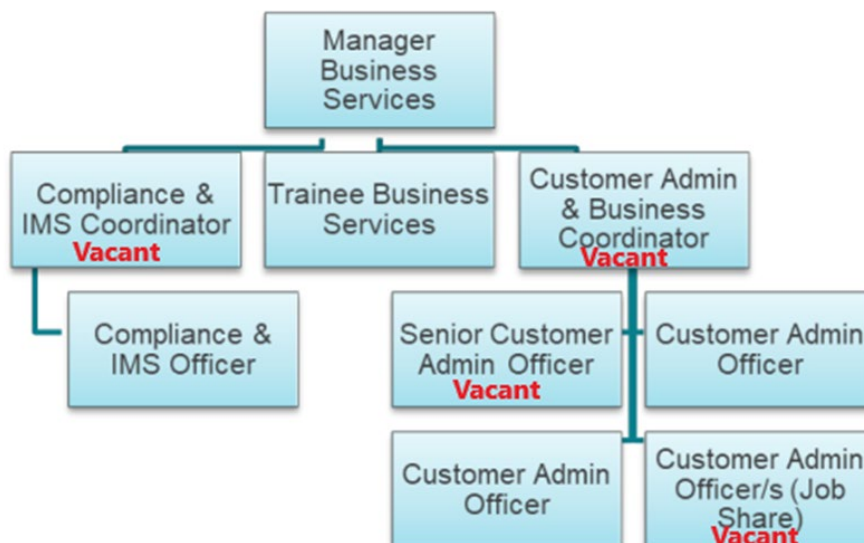
#### Cybersecurity incident

Despite low staff resources and loss of access to critical systems and data, the Business Services Department was key to supporting and maintaining critical core functions of the Directorate and continuing to deliver a high level of customer service during the Cyber Incident. All team members proactively contributed to designing interim systems, processes and influenced corporate solutions beyond the directorate. Team members also travelled to all sites controlled by the Directorate to assist field staff with their interim technology solutions. We were also able to successfully onboard a temporary team member without systems access. The team's proactive and inclusive response to the crisis is to be commended.

### PREVIOUS MONTH'S ISSUES:

#### Department Resourcing

During the period of March and April the Business Services Department received several resignations that have impacted the team. Moving forward focus has been applied around delivering core functions and urgent task. Business Services Department consists of ten (10) positions, four (4) positions are currently vacant and in various stages of recruitment. This has impacted the team's ability to deliver beyond core functions.



## Water Meter Reading

With the recent resignation of Business Services Customer Administrator and Business Coordinator has resulted in a loss of corporate knowledge and technical skills relating to water meter reading responsibilities. Discussions have been held with Taggle and Mackay Regional Council (MRC) about supporting the team through the next reading/billing period.

## IMS:

Due to the Cybersecurity Incident the Quarterly IMS review was postponed to May.

## W&W COMPLIANCE – APRIL 2023

*\*(Includes non-compliances not included in March 2023 report due to system outages)*

### Non-compliances with Department of Environment and Science (DES)

Date of breach	Community	Medium	Location	Parameter	Written notification to Regulator
29/03/2023	Dysart	Treated Effluent	WWTP	E.coli	Yes
5/04/2023	Middlemount	Wastewater	WWTP	TN	Yes
5/04/2023	Clermont	Treated Effluent	WWTP	Free Chlorine	Yes
5/04/2023	Dysart	Treated Effluent	WWTP	Free Chlorine	Yes
5/04/2023	Moranbah	Treated Effluent	WWTP	Free Chlorine	Yes

### Non-compliances with Department of Regional Development, Manufacturing and Water (DRDMW)

Date of breach	Community	Medium	Location	Parameter	Written notification to Regulator
24/03/2023	Moranbah	Network Water	WTP	Turbidity	Yes

## FINANCIAL REPORT:

Information not currently available

## DEVIATION FROM BUDGET AND POLICY:

Nil.

## OPERATIONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

Performance Plan / Operational Plan Action	Update / Comment
5 Year Price Path - Water Utility Charges	Work has begun with the selected consultant. Project milestones will need to be revised due to the impact of the Cybersecurity Incident and may not be available for the 23/24 budget preparation.
Meter Reading Strategic Plan	<ul style="list-style-type: none"> <li>• Actions for 22/23 to be reviewed.</li> <li>• Actions for 23/24 to be allocated</li> </ul>
Meter Reading Strategic Plan Action 4.2 - Develop a proposal to address legacy issues and problematic taggles. Seek external support as required with consideration to asset warranty timeframes	Taggle and Mackay Regional Council are assisting with developing a program to resolve legacy issues and problematic taggles.

### NEXT MONTH'S PROGRAM:

#### Cybersecurity Incident

Once system access is restored, the Business Services Department will be required to complete data transfer from the temporary working Customer Request Management (CRM) document into Tech1.

#### Water meters

A desktop audit of legacy taggle issues is to be undertaken in conjunction with Taggle and Mackay Regional Council (MRC) to validate data prior to the June meter reading period.

#### IMS

The internal surveillance audit originally scheduled for May will now take place in June.

#### Water Consumption

Water consumption has again decreased across the region in the past six (6) months resulting in an expected half yearly budget shortfall. This shortfall will be partially offset by savings in raw water costs.

#### Water Restrictions

No changes to Water Restrictions during April 2023 however discussions are underway with external stakeholders regarding Middlemount discontinuing their Level 1 Restrictions.

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					

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## WATER AND WASTEWATER

### MONTH'S ACHIEVEMENTS:

#### Training

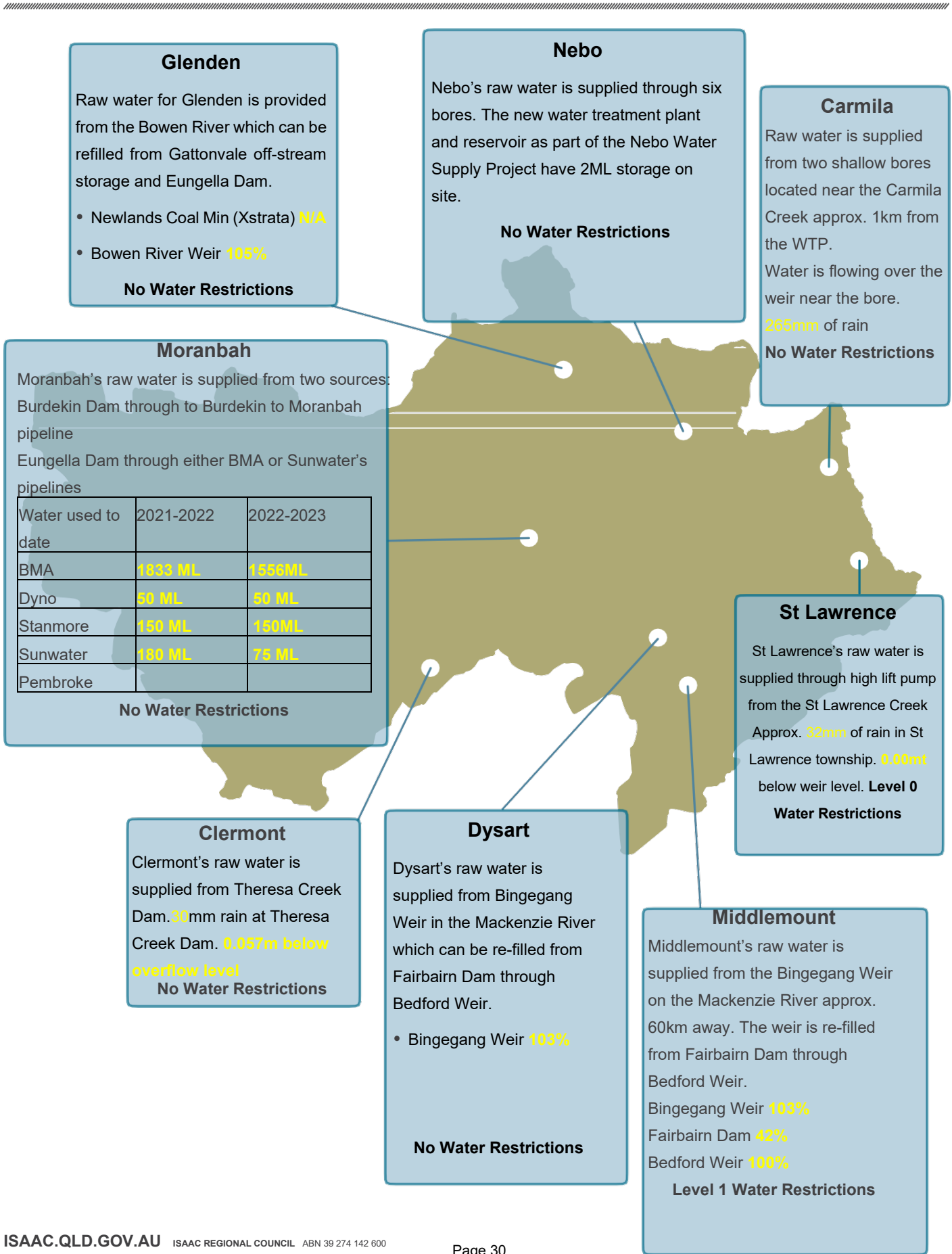
Chlorine gas connection and disconnection has been carried out during April. Further Breathing Apparatus, Confined Space and Confined Space Rescue has been booked to be carried out in May.

#### Air Scour Carmila and St Lawrence Water Mains

Air scour of the water mains throughout Carmila and St Lawrence was carried out during April. Due to wet weather not all of Carmila was able to be completed and negotiation are being carried out to complete this package of work.

### 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.



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## FINANCIAL REPORT:

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## DEVIATION FROM BUDGET AND POLICY:

Carting and disbursement for dust suppression of Recycled Water from Dysart and Middlemount continues with an expenditure of approximate \$95000.00 per month, along with the continued necessity of engagement of contract labour has seen additional unbudgeted expense within the operations budget. These situations will be reported and considered within the Q3 process.

## MAINTENANCE PLANNER:

Drinking water main cleaning at Carmila (03 April) and St. Lawrence (04 to 05 April) was successfully carried out without significant inconvenience and complaints. Continuously, various preventive maintenance items are ongoing development. Water treatment plants and wastewater treatment plants use different types of bulk chemicals and the tender to establish a Register of Pre-Qualified Suppliers (RPQS) to supply bulk chemicals is waiting for the sign-off of the Letter of Acknowledgement (LOA). The contract for the annual inline analyser service is expected to be activated in late May. This program will help monitor water quality parameters, operate the plants reliably and secure the continuity of water and wastewater treatment service. Additionally, the inlet screen service and UV disinfection system service will commence in late May.

## DEVELOPING INITIATIVES / ISSUES:

### **Moranbah Boiled water Alert Event Investigation**

The boiled water alert investigation has begun on the 27 April and will continue May. Once this investigation has been concluded a report will be provided to Council.

## WASTE SERVICES

### PREVIOUS MONTH'S ACHIEVEMENTS:

#### Whole of Region Landfill Plan

Council officers have received the first draft version of the Whole of Region Landfill plan and are in the process of reviewing. The landfill plan will map out the medium and long-term lives of all four remaining landfill sites and will confirm closure dates for Glenden and Dysart as well as proposing remediation timelines for these two smaller sites. A revised closure Plan is also being provided for Glenden in anticipation of its closure in 2024. The closure plan is required to be submitted to the Department of Environment and Science by 30 June 2023, 12 months prior to closure.

#### Regional Waste Management Plan (RWMP)

A first draft of the RWMP has now been received. It is intended that following officers' input, a briefing will be provided to elected Councillors by the consultants undertaking the work in April, for Councillor feedback to be incorporated in the final draft.

#### Battery Recycling across the Region

Battery collection buckets and bins are now in place across the region. Batteries can be received at all Isaac libraries and waste facilities. This collection scheme is part of the national B-Cycle battery recycling stewardship. All battery types are accepted excluding lead acid batteries.





## Annual Waste Training

Due to the current cyber security issue and recovery process, the annual waste training scheduled for 18-20 April was postponed. Training will now occur mid-July.

## Upcoming Amnesty Days

Officers are currently preparing for Amnesty Days due to occur in May. Waste Services and the Communications team are working together to prepare community engagement via Council's normal communication channels.

## Waste Tonnage and Waste Levy

In the financial year to date, a total 26,195 tonnes of waste have been landfilled across the region. 77% of this total was accepted at Moranbah. This estimates a slightly higher tonnage to landfill in the current year than the 31,000 tonnes in the previous financial year. On average we have seen 2,650 tonnes of waste going to landfill each month.

Waste levy paid to the State Government in the current financial year is on average \$235k per month

## Revenue (Gate Fees and Charges)

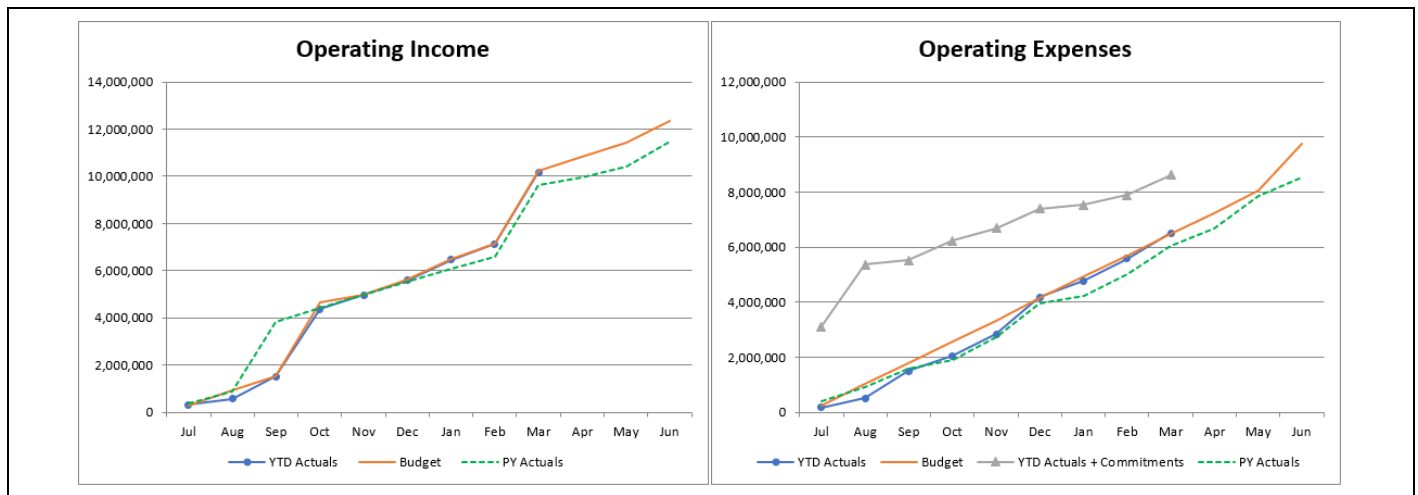
Revenue for 2022/23 is tracking at a monthly average of \$596k revenue through the waste facilities' gates.

Facility	Sum of Price (Ex Tax)
Carmila Waste Management Facility	\$ 570.00
Clermont Waste Management Facility	\$ 498,378.34
Dysart Waste Management Facility	\$ 223,249.33
Glenden Waste Management Facility	\$ 354,621.22
Greenhill Waste Management Facility	\$ 1,377.64
Middlemount Waste Management Facility	\$ 41,144.74
Moranbah Waste Management Facility	\$ 4,745,670.09
Nebo Waste Management Facility	\$ 12,738.49
St Lawrence Waste Management Facility	\$ 4,505.38
<b>Grand Total</b>	<b>\$ 5,882,255.23</b>
<b>Average mthly @ 26 April 2023</b>	<b>\$ 596,174.52</b>

## PREVIOUS MONTH'S ISSUES:

## FINANCIAL REPORT:

Information not currently available



## DEVIATION FROM BUDGET AND POLICY:

Nil

## NEXT MONTH'S PROGRAM:

### Scheduled to Commence During Next Month

Project Name/ Description	Scheduled End Date	Comments/Exceptions
Whole of Region Landfill Plan and Glenden Closure Plan	31 May 2023	Draft in review by Council officers
Groundwater and Landfill Gas environmental monitoring round	31 May 2023	Conducted twice per annum
Procurement for Clermont Weighbridge Installation	30 June 2024	Application for funding through LG Levy Ready phase 3 submitted early April.

## DEVELOPING INITIATIVES / ISSUES:

- Amnesty Days at Waste Management facilities to be carried out in May.
- Review content provided by Resource Hub for recently postponed training and workshops. Include additional day for operational admin training for new dates in July.
- Processing of green waste at waste facilities to occur prior to end of financial year.

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## PLANNING AND PROJECT DELIVERY

### PREVIOUS MONTH'S ACHIEVEMENTS:

The tender evaluation process for the below projects nearly completed:

- Project Management and Inspection Services contract
- Corporate Sewer Relining

Following projects have been awarded during April 2023:

- MBH 400ML Dam Remediation
- MBH WTP Roof Remediation

### ACTIVITIES COMPLETED

#### CW202846 – NEBO WTP ELECTRICAL CONDUCTIVITY

The project to use treated effluent (recycled water) from the Nebo Wastewater Treatment Plant (WWTP) to irrigate council land is now complete and commissioned. The recycled water from the Nebo WWTP is currently held in a site effluent storage pond and has been used for irrigation purposes at the WWTP, adjacent waste transfer facility, dust suppression, and nearby roadworks.

Recent discussions with the relevant Queensland Government environmental authority have triggered further studies regarding the site, which has led to a new irrigation system being installed to satisfy the regulator's requirements. Tender IRCQ-NEB3-0122-1080 was offered to the market as a design and construct contract to design and install the new site-based irrigation scheme in March 2022. Dowdens Pumping and Water Treatment was awarded the contract, and majority of the works completed in 2022.

During testing and commissioning in November 2022, a problem was noticed with the analyser system that monitors water quality. It was decided to stop using the system while the contractor devised a solution, which involved changing the analyser's position, changing the pipework, and using a different sampling pump. This solution also added redundancy to an associated equipment that services both the analyser and other equipment. The solution was approved by the council in March 2023 and completed by the contractor in April 2023.



Photo 1 – Riser & Sprinkler



Photo 2 – Sub-surface pipes with manholes



Photo 3 – Pump and filter assembly

## CW222964 – CORP SPS Rehabilitation

Progress continues at the Glenden (GLN) and Middlemount (MMT) Sewerage Treatment Plants (SPS). Both townships have seen a significant amount of work completed on the original Scope of Works.

The contractor has removed the second pump at SPGLN01 for remediation. The re-pump will return to site with SJ Electrical scheduled to continue work in GLN and MMT. Works to include the installation of a new electrical board at SPMMT01 with Variable Speed Drive. The second pump at SPMMT02 will be reactivated after the fitting of pipework, and SPMMT04 Non-Return Valve and valving will be replaced. Two weeks ago, the sewage leak in the valve chamber was successfully rectified.

Improvements to safety will include upgrade of the SPMBH08 electrical board. Operations have requested replacement of the SPMMT01 pumps due to the high failure rate in the past two years. Additionally, the existing pumps are no longer manufactured, and replacement parts are a concern. A report requesting an additional \$100,000.00 be allocated from the reserve to replace the pumps will be submitted to the council, with the variation approved and a quote received.



Photo 4 – SPMMT01 building painted



Photo 5 – SPMMT02 2x6m Vent poles and manhole covers



Photo 6 - SPMMT04 – 12m Vent pole



Photo 7 - SPGLN04 – Manholes and gantry



Photo 8 – SPMBH08 – 12m Vent pole



Photo 9 – SPDYS02 – 12m Vent pole

### **CW222974 - CORP Sewer Relining**

The tender evaluation process for this project has been finalised, and the preferred tenderer will be notified of their selection following a council report. The construction project will then be awarded.

### **CW222983 - MBH WTP - Roof Replacement**

Following a council resolution, the tender has been awarded to the preferred contractor. The contractor is considering procuring materials in advance to minimise the impact of rising material prices. The construction commencement date is to be confirmed by the contractor.

## CW223019 - Moranbah 400ML Raw Water Dam - Remediation Works

Following a council resolution, the tender has been awarded to the preferred contractor. The construction commencement date is to be confirmed by the contractor.

### PREVIOUS MONTH'S ISSUES:

Resourcing continues to be the biggest challenge. During April a resignation was received from IRC Project Manager. However, the Planning & Projects team has made progress in acquiring a Project Inspector under a contract and are actively recruiting for the Project Manager role.

### FINANCIAL REPORT:

As of 25 March 2023, Water and Wastewater actual expenditure totals \$2,917,975 representing 41.09% of the AMENDED Q2 budget (\$7,101,532) and a total spend inclusive of tender commitments of \$4,375,106 which represents 61.61% of AMENDED Q2 budget.

As of 25 March 2023, Waste Services actual expenditure totals \$799,920 representing 36.26% of the AMENDED Q2 budget (\$2,206,191) and a total spend inclusive of tender commitments of \$1,078,736 which represents 48.90% of annual approved budget.

The combined Water & Waste actual expenditure totals \$3,717,895 representing 39.94% of AMENDED Q2 budget (\$9,307,723) and a total spend inclusive of tender commitments of \$5,453,842 representing 58.59% of AMENDED Q2 budget.

### EXPENDITURE SUMMARY

Water & Wastewater	February 2023	March 2023
Actuals Program Expenditure to date	\$2,546,851	\$2,917,975
Actual Program Expenditure including Tender commitments to date	\$4,302,543	\$4,375,106
<b>Waste</b>		
Actual Program Expenditure to date	\$723,977	\$799,920
Actual Program Expenditure including Tender commitments to date	\$1,061,275	\$1,078,736

### DEVIATION FROM BUDGET AND POLICY:

Information not currently available

## 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"> <li>&gt;90% of capital program delivered to budget</li> </ul>	Monitor
		Implementation of effective project and contract management systems and procedures: <ul style="list-style-type: none"> <li>&gt;90% all subprograms in the W&amp;W capital program are completed on time and in budget</li> </ul>	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 is on finalising the tender documents, commencing the construction of newly awarded projects, and continue in conducting site inspections.

### Capital Projects Update

For update on program at project level, refer to Water and Waste 2022-2023 Capital Projects Progress Report and associated attachment.

<p><b>Report prepared by:</b>                      SCOTT CASEY  <b>Director Water and Waste</b></p> <p>Date: 3 May 2023</p>	<p><b>Report authorised by:</b>                      JEFF STEWART-HARRIS PSM  <b>Chief Executive Officer</b></p> <p>Date: 3 May 2023</p>
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### ATTACHMENTS

- CONFIDENTIAL Attachment 1a – Water & Waste Vacancies



PAGES 41 - 46 HAVE INTENTIONALLY BEEN REMOVED DUE TO CONFIDENTIAL REASONS