

# 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, 15 SEPTEMBER 2021**  
COMMENCING AT 1.00PM  
COUNCIL CHAMBERS, MORANBAH

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**JEFF STEWART-HARRIS**

Chief Executive Officer

**GARY MURPHY**

Committee Officer

Director Water and Waste

**Committee Members:**

Cr Simon West (Chair)

Mayor Anne Baker

Cr Greg Austen

Cr Kelly Ve a Ve a

Cr Carolyn Moriarty

## 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.

#### 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  
STANDING COMMITTEE MEETING  
OF ISAAC REGIONAL COUNCIL  
TO BE HELD ON  
WEDNESDAY 15 SEPTEMBER 2021  
COUNCIL CHAMBERS, MORANBAH**

1. OPENING OF THE MEETING
2. APOLOGIES
3. DECLARATION OF CONFLICTS OF INTEREST
4. CONFIRMATION OF MINUTES
5. OFFICER REPORTS
6. INFORMATION BULLETIN REPORT
7. GENERAL BUSINESS
8. CONCLUSION

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## 1. OPENING OF MEETING

## 2. APOLOGIES

## 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 August 2021.

## 5. OFFICER REPORTS

### 5.1 OLIVE DOWNS – WATER SUPPLY DEED

#### EXECUTIVE SUMMARY

This report seeks to delegate the authority to the Chief Executive Officer to execute the Olive Downs Water Supply Deed and all Deeds of Indemnity and Release required under the Olive Downs Water Supply Deed.

## 6. INFORMATION BULLETIN

### 6.1 WATER AND WASTE INFORMATION BULLETIN – SEPTEMBER 2021

#### EXECUTIVE SUMMARY

The Water and Waste Directorate Information Bulletin for September 2021 is provided for Committee review.

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| <b>8. CONCLUSION</b> |
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# UNCONFIRMED MINUTES

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

HELD ON  
**WEDNESDAY, 11 AUGUST 2021**  
**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 AUGUST 2021**

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**ISAAC REGIONAL COUNCIL**  
**UNCONFIRMED MINUTES OF THE**  
**WATER AND WASTE**  
**STANDING COMMITTEE MEETING**  
**HELD IN COUNCIL CHAMBERS, MORANBAH**  
**ON WEDNESDAY 11 AUGUST 2021 COMMENCING AT 1.00PM**

**ATTENDANCE**

Cr Simon West, Division Four (Chair)  
Cr Kelly Vea Vea, Acting Mayor (ex officio and Member)  
Cr Greg Austen, Division One

**OFFICERS PRESENT**

Mr Gary Murphy, Director Water and Waste  
Mrs Lisa Tonkin, Manager Business Services  
Mr Karl Murdoch, Manager Waste Services  
Ms Linda Roberts, Manager Planning and Projects  
Mr Stephen Wagner, Manager Operations and Maintenance  
Mrs Nicole Money, 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**

The Committee received an apology from Mayor Anne Baker.



**Resolution No.:** W&W0324

**Moved:** Cr Vea Vea

**Seconded:** Cr Austen

**That the Water and Waste Standing Committee:**

1. **Accepts the apologies received from Mayor Anne Baker.**

**Carried**

### 3. DECLARATION OF CONFLICTS OF INTEREST

No conflicts of interest 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 9 June 2021.

**Resolution No.:** W&W0325

**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 9 June 2021 are confirmed.**

**Carried**

Confirmation of minutes from Water and Waste Standing Committee Meeting of Isaac Regional Council held at Council Chambers, Moranbah on Wednesday 14 July 2021.

Resolution No.: W&W0326

Moved: Cr Austen

Seconded: Cr Vea Vea

That the minutes from the Water and Waste Standing Committee meeting held in Council Chambers, Moranbah on Wednesday 14 July 2021 are confirmed.

Carried

## 5. OFFICERS REPORTS

### 5.1 Water Restrictions Policy and Procedure

#### EXECUTIVE SUMMARY

The purpose of this report is to present the Water Restrictions Policy, Water Restrictions Procedure, Water Restriction Conditions Guideline and Water Conservation Measures Guideline for review and adoption.

#### OFFICER'S RECOMMENDATION

*That the Committee recommends to Council to:*

- 1. Adopt the updated Water Restrictions Policy (STAT-POL-033).*
- 2. Adopt the new Water Restrictions Procedure (WW-PRO-105).*
- 3. Adopt the updated Water Restriction Conditions Guideline (WW-GDS-200).*
- 4. Adopt the updated Water Conservation Measures Guideline (WW-GDS-201).*

Resolution No.: W&W0327

Moved: Cr Austen

Seconded: Cr Vea Vea

That the Committee recommends to Council to:

1. Adopt the updated Water Restrictions Policy (STAT-POL-033).
2. Adopt the new Water Restrictions Procedure (WW-PRO-105) with the inclusion within the Public Notice Distribution table under each level, the requirement to issue reminder notices every six months.
3. Adopt the updated Water Restriction Conditions Guideline (WW-GDS-200) with the inclusion of permission for domestic stock watering up to 2000 litres per load.

4. Adopt the updated Water Conservation Measures Guideline (WW-GDS-201).

Carried

## 5.2 Review of Waste Management Strategy 2020 - 2025

### EXECUTIVE SUMMARY

This report provides a review on progress made during the first twelve (12) months of the Council's approved Waste Management Strategy 2020 to 2025.

### OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

1. *Note the content of the report on the review of the first twelve (12) months of the Council's approved Waste Management Strategy 2020 to 2025.*

Resolution No.: W&W0328

Moved: Cr Vea Vea

Seconded: Cr Austen

That the Committee recommends that Council:

1. Note the content of the report on the review of the first twelve (12) months of the Council's approved Waste Management Strategy 2020 to 2025.

Carried

## 6. INFORMATION BULLETIN REPORTS

### 6.1 Water and Waste Information Bulletin – August 2021

#### EXECUTIVE SUMMARY

The Water and Waste Directorate Information Bulletin for August 2021 is provided for review.

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## OFFICER'S RECOMMENDATION

That the Committee:

1. **Note the Water and Waste Directorate Information Bulletin for August 2021.**

Resolution No.: W&W0329

Moved: Cr Vea Vea

Seconded: Cr Austen

That the Committee:

1. **Note the Water and Waste Directorate Information Bulletin for August 2021.**

Carried

**NOTE: Director Water and Waste to provide an update to the Chair and Committee on the Moranbah Landfill Remediation Project following the meeting scheduled for Friday 13 August, as well as provide an update to Council at the August Strategic Planning Day.**

## 7. GENERAL BUSINESS

No general business this meeting.

## 8. CONCLUSION

There being no further business, the Chair declared the meeting closed at 2.06pm.

These minutes were confirmed by the Committee at the Water and Waste Standing Committee Meeting held in Moranbah on Wednesday 15 September 2021.

.....  
CHAIR

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

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|                        |  |
|------------------------|--|
| <b>MEETING DETAILS</b> | <b>Water and Waste Standing Committee</b><br>Wednesday 15 September 2021 |
| <b>AUTHOR</b>          | Lisa Tonkin  |
| <b>AUTHOR POSITION</b> | Manager Business Services  |

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## 5.1

## OLIVE DOWNS – WATER SUPPLY DEED

### EXECUTIVE SUMMARY

This report seeks to delegate the authority to the Chief Executive Officer to execute the Olive Downs Water Supply Deed and all Deeds of Indemnity and Release required under the Olive Downs Water Supply Deed.

### OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

- 1. Endorse continued negotiation of a Water Supply Deed with relevant Indemnities and Releases in favour of Pembroke Olive Downs Pty Ltd to facilitate the Proponent's Commitment number 138 under the Coordinator-General's Evaluation Report for the Olive Downs Mine Environmental Impact Statement.***
- 2. Delegate authority to the Chief Executive Officer to negotiate, vary and execute the Olive Downs Water Supply Deed.***
- 3. Delegate the authority to the Chief Executive Officer to execute a Deed of Indemnity and Release in favour of Eungella Water Pipeline Pty Ltd relating to the supply of water under the Olive Downs Water Supply Deed.***
- 4. Delegate the authority to the Chief Executive Officer to execute a Deed of Indemnity and Release in favour of Pembroke Olive Downs Pty Ltd relating to the supply of water under the Olive Downs Water Supply Deed.***

### BACKGROUND

As part of the Coordinator-General's evaluation report on the environmental impact statement for the recently approved Olive Downs South coal mine, the Proponent's Commitments provided at commitment 138 that "Negotiations with the IRC would continue regarding water allocations". Those negotiations were working towards a formal water supply agreement between Council and Pembroke Olive Downs Pty Ltd.

Negotiations have continued between the parties for some time and during this period Council's procurement process regarding commercial arrangements for the supply of water to Council by resource and other non-government companies has changed. To reflect this, the negotiations with Pembroke became the provision of only a supply of water at no cost to Council and, on that basis, the formalisation of those arrangements is in a Deed.



Pending the finalisation of negotiations, Pembroke will provide raw water to Council for no cost under three (3) stages:

Construction Stage;  
Mining Stage; and  
Expansion Stage.

To access the provision of water under the Construction and Mining Stages identified above, pursuant to the Condition Precedent provided in the Deed, Council will need to execute a Deed of Indemnity and Release with both Eungella Water Pipeline Pty Ltd and Pembroke Olive Downs Pty Ltd for the provision of that water. The terms of the Deed of Indemnity and Release are likely to be similar to the indemnities executed for the provision of raw water at cost to Pembroke mid last year.

The water to be provided under the Expansion Stage identified above is subject to the Condition Precedent that Pembroke is still to formalise a Water Supply Agreement with Eungella Water for the water for the Expansion Stage and then, as is the case for the Construction and Mining Stages, Council will again need to execute a Deed of Indemnity and Release.

## **IMPLICATIONS**

Council are required to notify Pembroke of the requested allocation of water for each quarter for the coming financial year on an annual basis between 1 April and 30 May ["Request Notice"]. Failure to issue a Request Notice identifying the water sought for each quarter will result in no water being made available for the relevant quarter for where a request was not made.

## **CONSULTATION**

- Manager Governance and Corporate Services
- Manager Galilee and Bowen Basin Operations
- Galilee and Bowen Basin Operations Officer
- Pembroke Olive Downs Pty Ltd
- Director Water and Waste
- Chief Executive Officer

## **BASIS FOR RECOMMENDATION**

In accordance the Proponent's Commitments in the Coordinator-General's evaluation report on the environmental impact statement for the recently approved Olive Downs South coal mine, Pembroke Olive Downs Pty Ltd is required to negotiate a water allocation with Council and a Deed is the appropriate mechanism to formalise an arrangement where water will be provided free of charge to Council.

## **ACTION ACCOUNTABILITY**

Director Water and Waste and Manager Business Services to continue negotiations with Pembroke Olive Downs Pty Ltd and manage the obligations under the Deed, in consultation with the Galilee and Bowen Basin Operations department, upon execution.

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## KEY MESSAGES

Water security continues to be a high priority for Council and the execution of a Deed between Council and Pembroke Olive Downs Pty Ltd will provide increased certainty of supply, to continue to meet community demand.

|                                  |                                 |
|----------------------------------|---------------------------------|
| <b>Report prepared by:</b>       | <b>Report authorised by:</b>    |
| LISA TONKIN                      | GARY MURPHY                     |
| <b>Manager Business Services</b> | <b>Director Water and Waste</b> |
| Date: 7 September 2021           | Date: 7 September 2021          |

## ATTACHMENTS

- Nil

## REFERENCE DOCUMENT

- Olive Downs Project – Coordinator-General's evaluation report on the environmental impact statement, May 2019

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|                        |  |
|------------------------|--|
| <b>MEETING DETAILS</b> | <b>Water and Waste Standing Committee</b><br>Wednesday 15 September 2021 |
| <b>AUTHOR</b>          | Gary Murphy  |
| <b>AUTHOR POSITION</b> | Director Water and Waste   |

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**6.1 WATER AND WASTE INFORMATION BULLETIN – SEPTEMBER 2021**

## EXECUTIVE SUMMARY

The Water and Waste Directorate Information Bulletin for September 2021 is provided for Committee review.

## OFFICER'S RECOMMENDATION

*That the Committee recommends that Council:*

- 1. Note the Water and Waste Directorate Information Bulletin for September 2021.**

## BACKGROUND

The attached Information Bulletin for September 2021 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 Elected Members.

# WATER AND WASTE

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**Report prepared by:**

GARY MURPHY  
**Director Water and Waste**

Date: 7 September 2021

**Report authorised by:**

JEFF STEWART-HARRIS  
**Chief Executive Officer**

Date: 9 September 2021

## ATTACHMENTS

- Attachment 1 – Water and Waste Information Bulletin – September 2021
- Attachment 1a – Water and Waste Capital Projects August 2021\_2022 Financial Year

## REFERENCE DOCUMENT

Nil

DATE: September 2021

## WATER AND WASTE

### DIRECTORATE HIGHLIGHTS

- The W&W Leadership Team, which comprises the Director, managers, supervisors, team leaders and W&W organisational influences, met this month as the Directorate begins Phase 3 of their Cultural Leadership Journey. The team assessed the outcomes of the previous sessions and brainstormed further actions needed to embed the directorate's Noble Purpose and IRC Values.



- Employee consultation on the W&W Functions Review has continued this month with all W&W staff being provided a copy of the proposed Organisational Charts. Feedback from the first round of consultation has also been assessed and further workshops with the W&W MLT have continued this month to address the concerns raised.
- The Whitsunday, Isaac and Mackay (WIM) Alliance met this month hosted by IRC in Moranbah. The WIM Alliance members have signed a joint agreement to sponsor Smart Approved WaterMark's 'Water Night' coming up in October 2021 during Water Week.

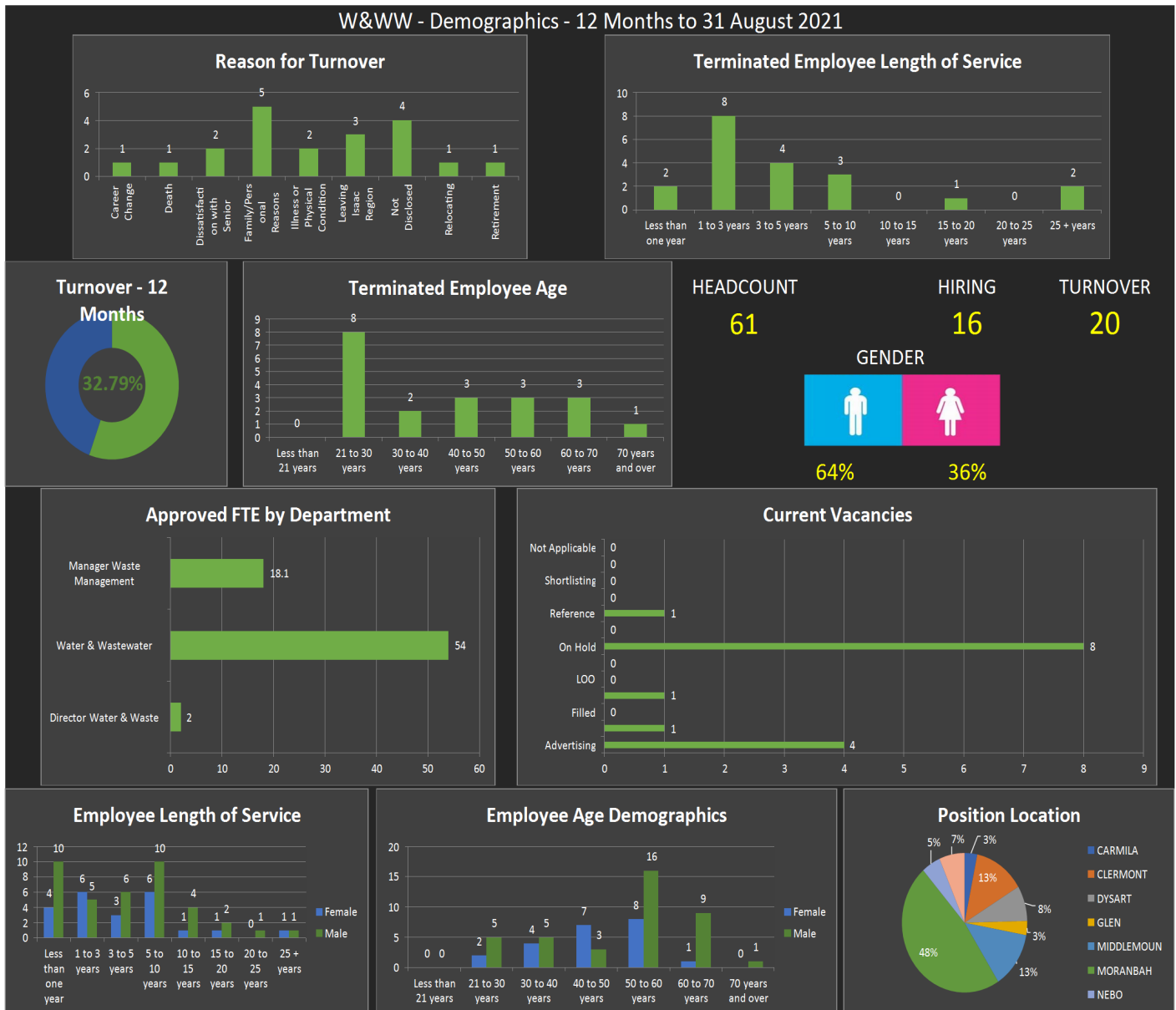
### Emerging Risks

- We said goodbye to our Executive Assistant this month and have not been successful in obtaining a short-term placement. There is a shortage of admin resources in the region. Interviews have been ongoing and we expect finalisation of appointment in early September.



- Moranbah Landfill continues to be challenging to manage with significant time delays and a Notice of Dispute lodged by the contractor. As the landscape changes rapidly, updates will be provided on meeting days.
- Effluent storage dam overflows associated with reduced use of effluent water are a continuing risk. The historical management arrangements do not give council sufficient oversight and control of who, how and when effluent is used.
- St Lawrence water levels continue to decline and Level 2 restrictions are likely by late September.

## People and Performance Statistics – Water & Waste



## Vacant Positions – Active Recruitment

| Water & Waste |        |      |   |           |        |             |      |            |     |  |
|---------------|--------|------|---|-----------|--------|-------------|------|------------|-----|--|
| 80,001.00     | Active | 4618 | Executive Assistant                     | Full Time | Vacant | Moranbah    | 1.00 | 10/08/2021 | 21  |  |
| 81,013.00     | Active | 3041 | Senior Water & Wastewater Operator      | Full Time | Vacant | Dysart      | 1.00 | 6/10/2020  | 329 |  |
| 81,015.00     | Active | 3019 | Water & Wastewater Operator             | Full Time | Vacant | Dysart      | 1.00 | 9/11/2020  | 295 |  |
| 81,016.00     | Active | 3042 | Senior Water & Wastewater Operator      | Full Time | Vacant | Middlemount | 1.00 | 17/05/2019 | 837 |  |
| 81,017.00     | Active | 3042 | Senior Water & Wastewater Operator      | Full Time | Vacant | Moranbah    | 1.00 | 16/12/2019 | 624 |  |
| 81,027.00     | Active | 4048 | Trainee Water & Wastewater Operator     | Full Time | Vacant | Clermont    | 1.00 | 29/03/2021 | 155 |  |
| 81,029.00     | Active | 2020 | Plumber                                 | Full Time | Vacant | Nebo        | 1.00 | 1/03/2021  | 183 |  |
| 81,044.00     | Active | 2026 | Water & Wastewater Operator             | Full Time | Vacant | Glenden     | 1.00 | 12/07/2021 | 50  |  |
| 81,068.00     | Active | 4049 | Water & Wastewater Operator             | Full Time | Vacant | Moranbah    | 1.00 | 14/03/2021 | 170 |  |
| 81,083.00     | Active | 4021 | Water & Wastewater Operator in Training | Full Time | Vacant | Clermont    | 1.00 | 21/05/2021 | 102 |  |
| 81,091.00     | Active | 2020 | Apprentice Plumber                      | Full Time | Vacant | Dysart      | 1.00 | 5/03/2021  | 179 |  |
| 81,098.00     | Active | 1057 | Maintenance Fitter                      | Full Time | Vacant | Moranbah    | 1.00 | 17/05/2021 | 106 |  |
| 81,405.10     | Active | 1500 | Customer Administration Officer         | Full Time | Vacant | Moranbah    | 0.00 | 19/08/2021 | 12  |  |
| 83,004.00     | Active | 4003 | Plant Operator                          | Full Time | Vacant | Moranbah    | 1.00 | 18/03/2021 | 166 |  |
| 83,013.00     | Active | 2001 | Waste Management Officer                | Full Time | Vacant | Glenden     | 1.00 | 30/07/2021 | 32  |  |

## Training information

How many employees received training for the month?

| Directorate         | CEO | CGFS | E&I | PECS | W&W |
|---------------------|-----|------|-----|------|-----|
| Number of Employees | 0   | 0    | 18  | 2    | 8   |



## Training breakdown for August

|                                   |   |
|-----------------------------------|---|
| Apprentice Plumber block training | 1 |
| CPR                               | 1 |
| First Aid                         | 5 |
| Authorised Person                 | 4 |

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|                             |           |
|-----------------------------|-----------|
| Operational Planning        | 1         |
| People Leadership           | 1         |
| Operate Breathing Apparatus | 2         |
| LVR CPR                     | 1         |
| Chainsaw/Polesaw            | 3         |
| Lifeguard training          | 8         |
| Plant & HR training         | 9         |
| Totals                      | 395.5 hrs |

## Mimecast – Cyber Security

Our latest cyber awareness course was launched in mid-August with 46% of our employees having currently completed this training.

### Plant training:

Excavator  
Loader  
Backhoe  
HR

## BUSINESS SERVICES

### PREVIOUS MONTH'S ACHIEVEMENTS:

The IMS Coordinator successfully completed the Statement of Attainment to Inspect and Report on Embankment Dam Safety. This qualification boosts the understanding of system requirements for dam management which is an important part of the IMS.

Discussions have continued this month regarding water security and availability for IRC with resource sector businesses across the region.

### PREVIOUS MONTH'S ISSUES:

A number of customer requests have been received this month from residents who have recently purchased their properties and have received a water notice for water usage from January 2021 to June 2021. The Business Services team are working with Governance to develop scripting to assist with these types of enquiries and help residents understand their property settlement adjustments.

### FINANCIAL REPORT:

Due to staff turnover and the use of agency temp staff, Business Services has overspent for labour hire this financial year. An adjustment from employee salaries will be available to compensate which will be completed during Q1 review.

### DEVIATION FROM BUDGET AND POLICY:

Nil.

## OPERATIONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

| PROJECT TITLE   | COMMENTS  |
|---|---|
| Meter Reading Strategic Plan Action 1.3 - Continue to support, engage and maintain relationships with internal departments.   | A training session was held on the 4 <sup>th</sup> August with Frontline and Customer Service Officers to prepare for the arrival of Water Notices this month. Officers were provided scripting and given the opportunity to work through example customer questions and options to investigate. MiWater refresher training was also held on the 12 August for all that wished to attend.   |
| Meter Reading Strategic Plan Action 1.5 - Take steps to create a collaboration of Councils who currently use MiWater as their smart metering system.  | A group of Councils has been formed to discuss the benefits, challenges and management of Aqualus Water (MiWater). The first meeting was held on Tuesday 24 August 2021 with Isaac Regional Council, Mareeba Shire Council, Mackay Regional Council, Townsville Regional Council, Charters Towers Regional Council and Logan City Council in attendance. Quarterly meetings are planned with the next meeting scheduled for 24 November 2021. |
| 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. | W&W have engaged a 12-week contract plumber who commenced on 30 August to complete a work program to address legacy taggle issues across the region.  |

### NEXT MONTH'S PROGRAM:

**Integrated Management System:** The IMS External Surveillance Audit will be held over six days from October 8-15. Site visits will be conducted at St Lawrence, Carmila and Greenhill Waste Management Facilities and St Lawrence, Carmila and Moranbah Water Treatment Plants. The auditor will review the action plan developed to address last year's Findings. All actions are on track to be completed.

**Water Night:** A Communication Plan is under development and the promotion of the event will begin in early September in consultation with the Brand, Media and Communications team.

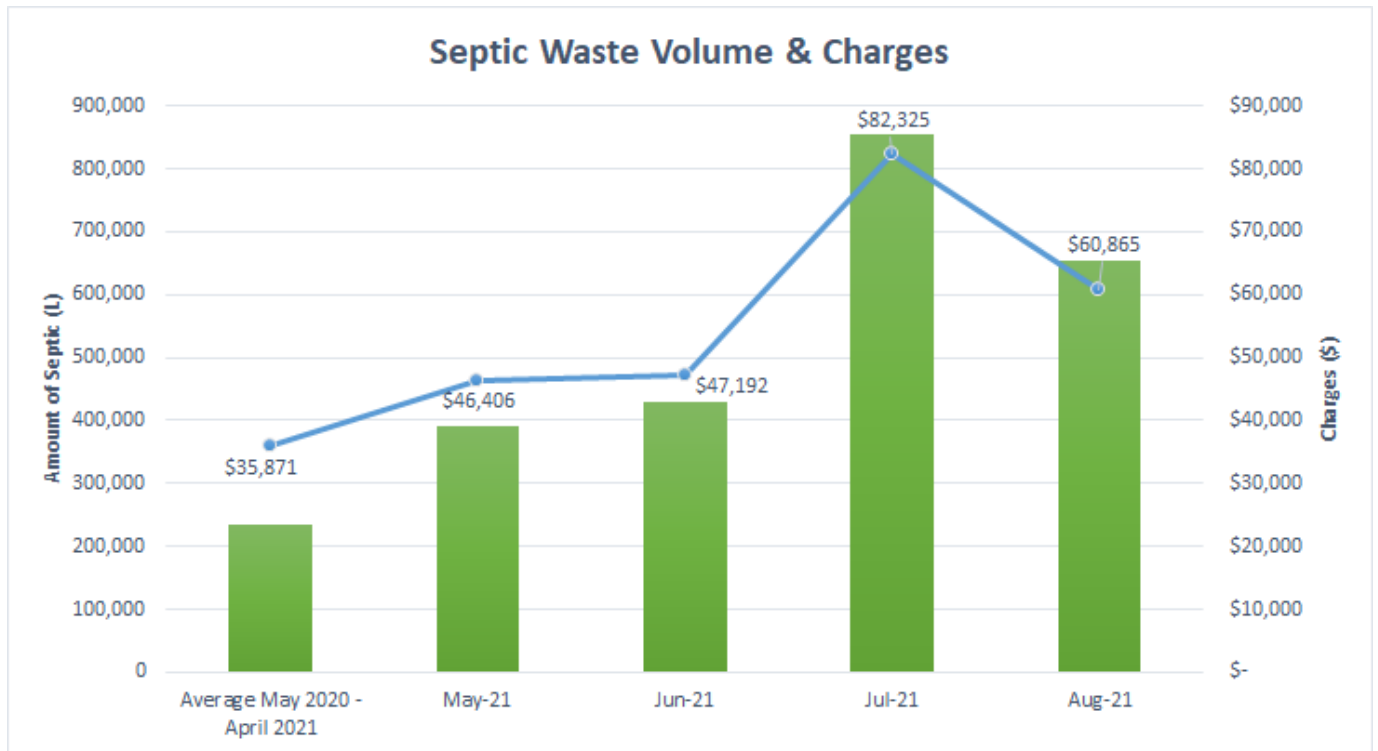


**Recruitment:** The Business Services team are currently recruiting for a Part-Time Customer Administration Officer and Full-Time Senior Customer Administration Officer.

### DEVELOPING INITIATIVES / ISSUES:

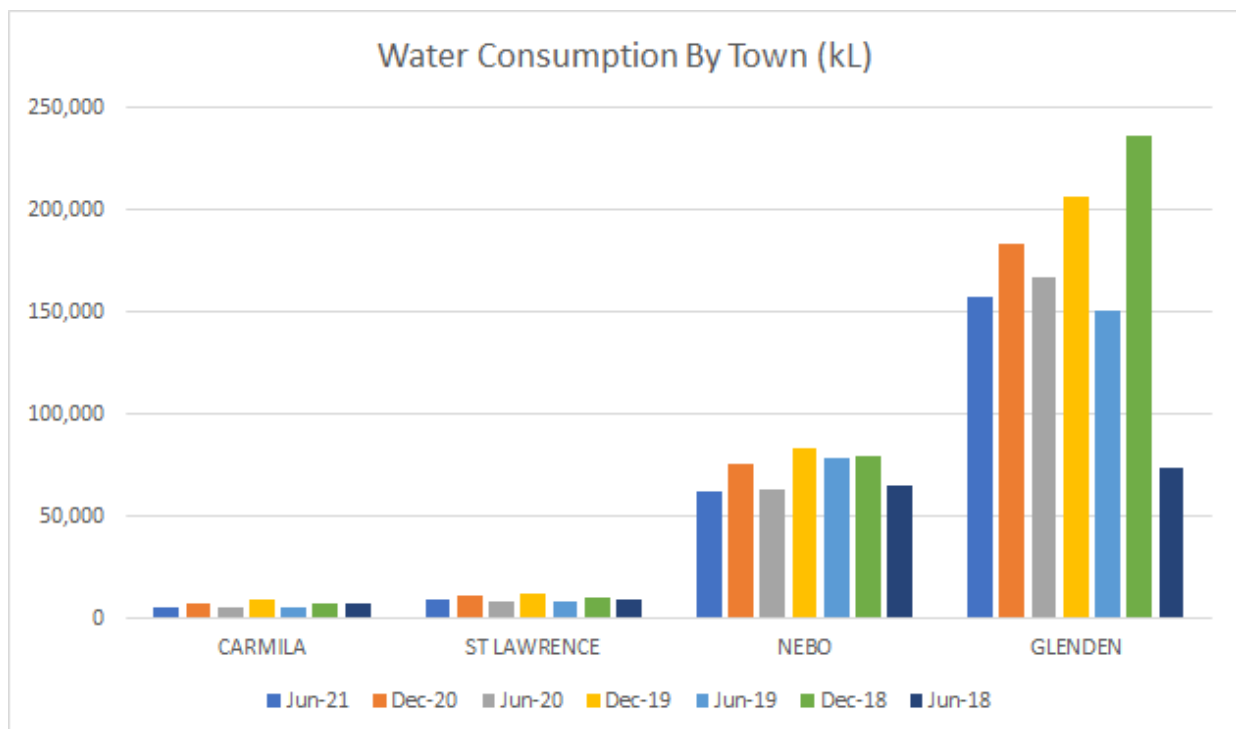
#### Septic Disposal

On 1 May 2021, an amendment to the septic waste disposal fee was introduced. Customers are charged \$0.15 per litre of septic waste however, now customers with combined disposals over 200,000 litres per billing month incur a discounted fee of \$0.10 per litre. The graph below illustrates trends in disposal rates and revenue following the fee amendment and incorporation of this discounted rate.

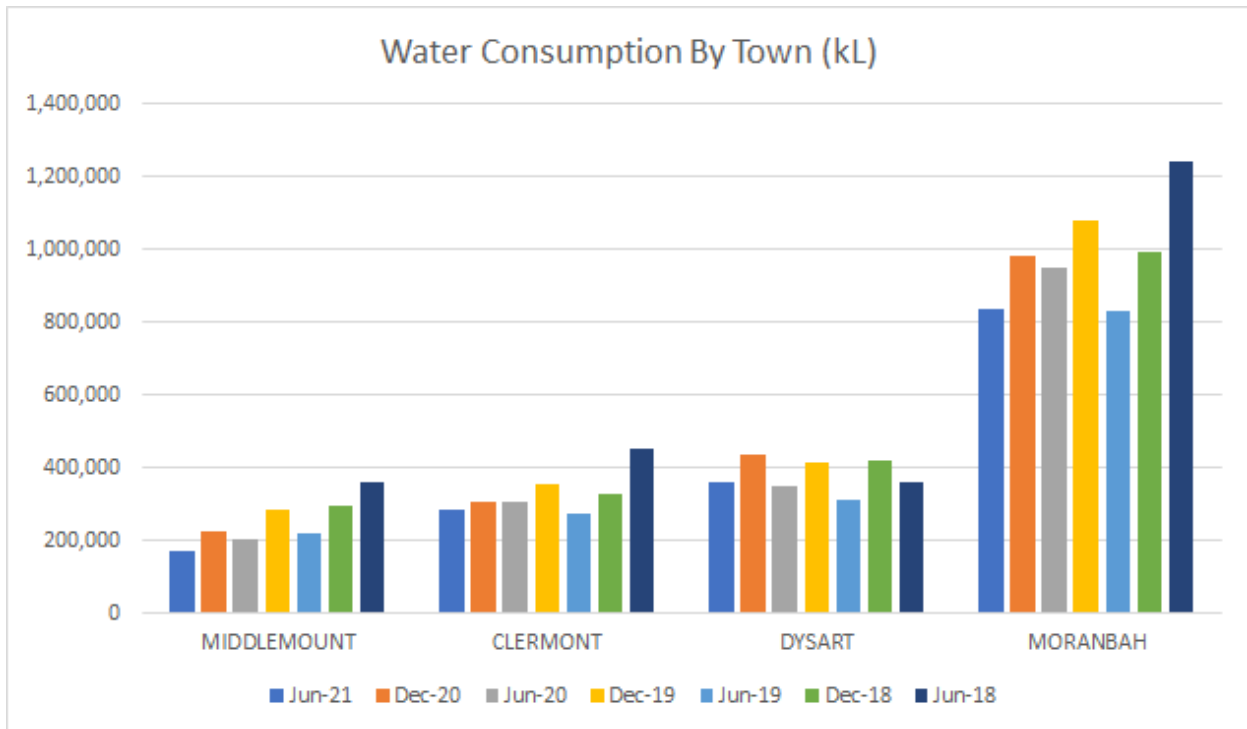


## Water Billing Data

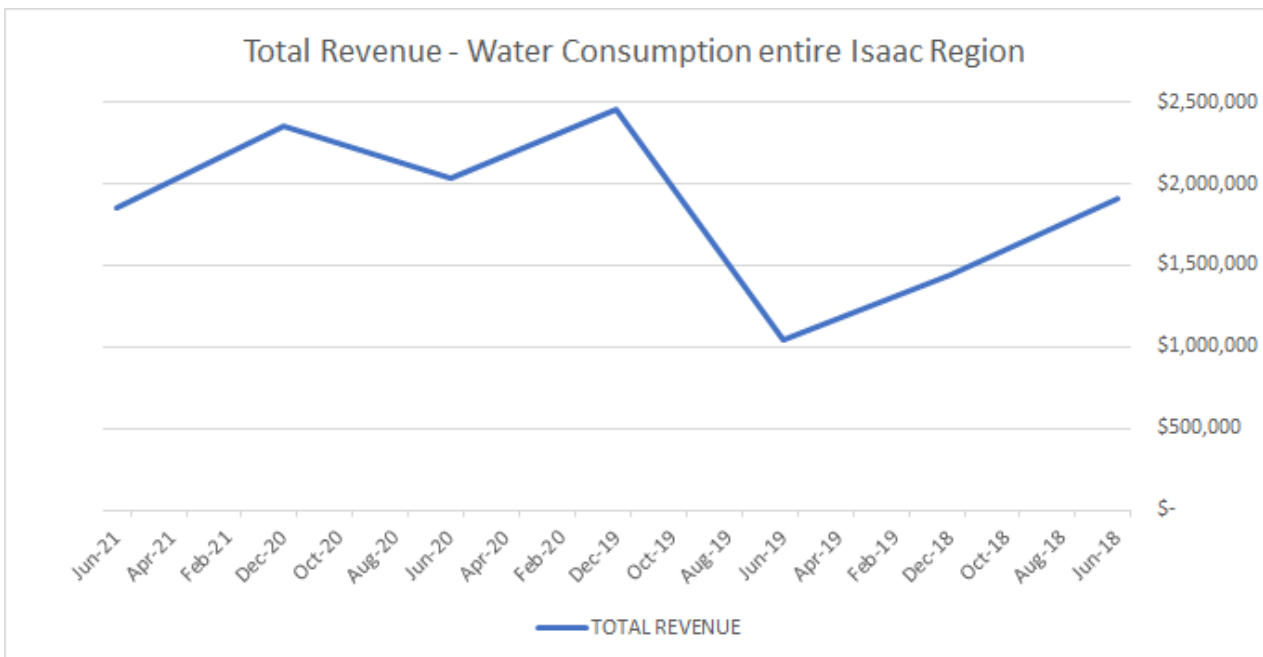
Following the completion of the June 2021 meter reads, the following data and trends have been collated. As shown below, water consumption has generally decreased over time noting that water usage is generally higher during summer (December period) and lower during Winter (June period).



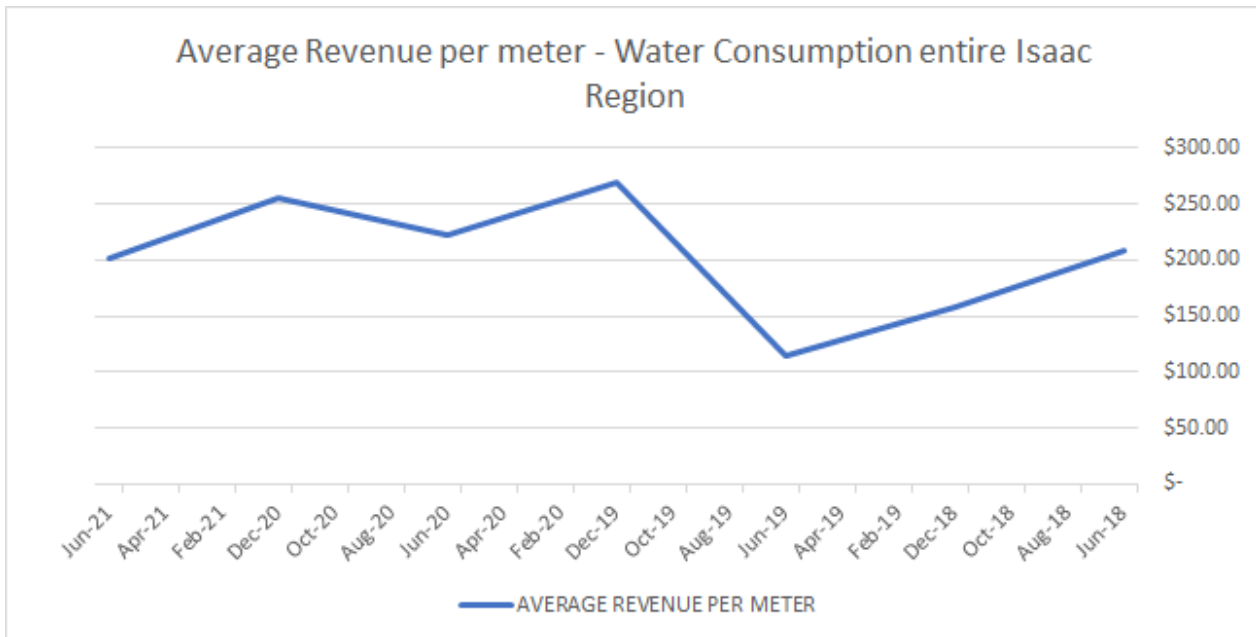




Water usage and associated revenue has fluctuated significantly each 6 monthly billing period since June 2018 however it is worth noting that despite these fluctuations, water consumption revenue in the most recent billing period (June 2021) is less than June 2018.



The Isaac Region has not seen a lot of water meter access growth since 2018 which is shown below is the fluctuations of average revenue per water meter across the region in comparison to the total revenue shown above.



## Water Restrictions

Level 1 Water Restrictions began in St Lawrence from 2 August 2021.

AAMC have advised that the allocation for Middlemount supplies is 74% from July 21' and Bundoora Dam hasn't had significant inflow. Hence a request to maintain Level 3 restrictions. A letterbox drop with a L3 water restrictions reminder has been sent to all Middlemount residents.

| CURRENT & PROJECTED | LEVEL 1    |            | LEVEL 2    |            | LEVEL 3    |          |
|---------------------|------------|------------|------------|------------|------------|----------|
|                     | Start Date | End Date   | Start Date | End Date   | Start Date | End Date |
| Location            |            |            |            |            |            |          |
| Middlemount         | 16/03/2019 | 18/11/2019 | 18/11/2019 | 10/01/2021 | 11/01/2021 |          |
| St Lawrence         | 02/08/2021 |            |            |            |            |          |

## WATER AND WASTEWATER

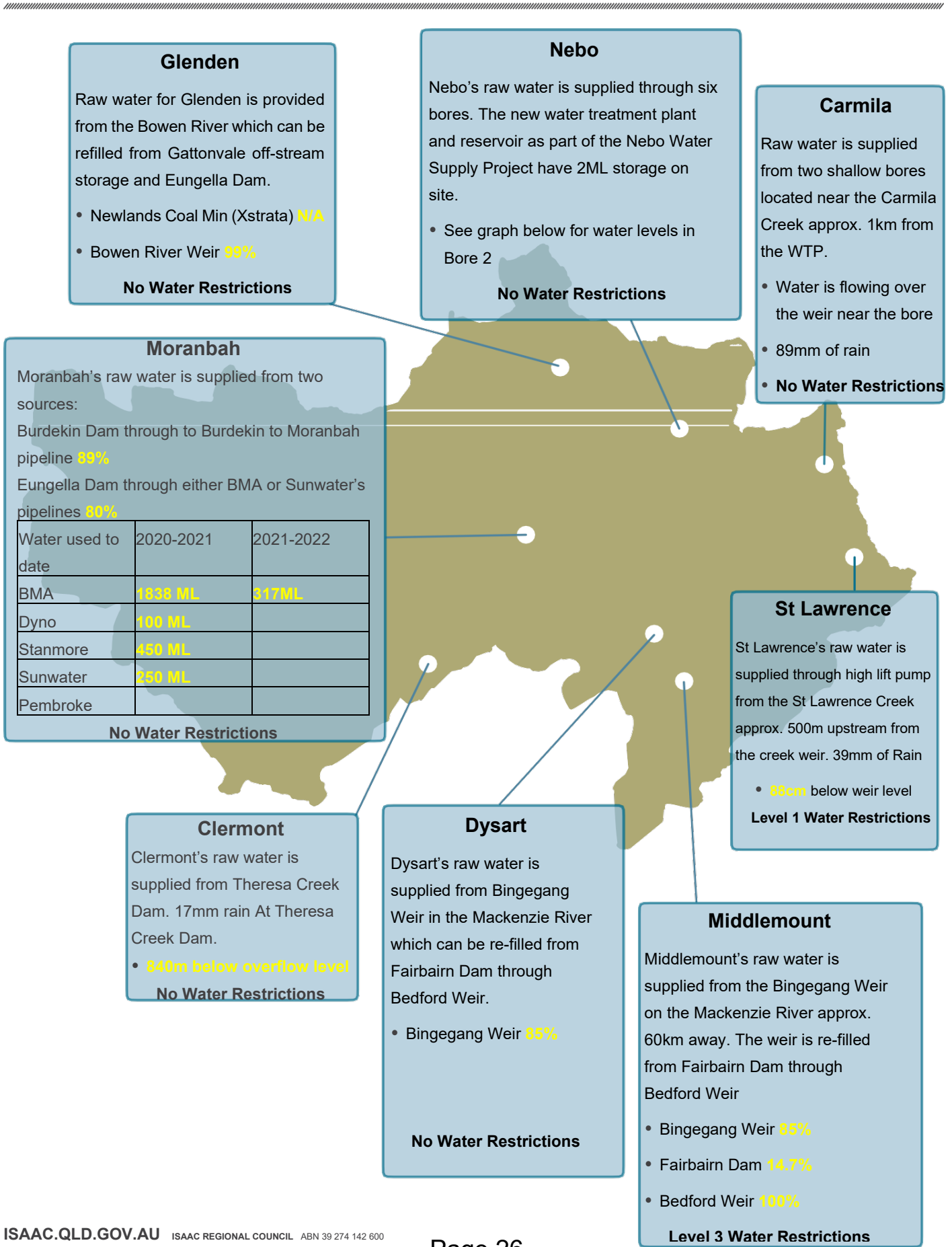
### PREVIOUS MONTH'S ACHIEVEMENTS:

An IRC water taste test was carried out at the August Operators monthly meeting with water samples from IRC Water Treatment Plants. There was an indisputable result that Glenden was the flavour to be submitted into the Queensland Water, Water Taste Competition for 2021. The taste test will occur in early September, and we will advise the outcome.

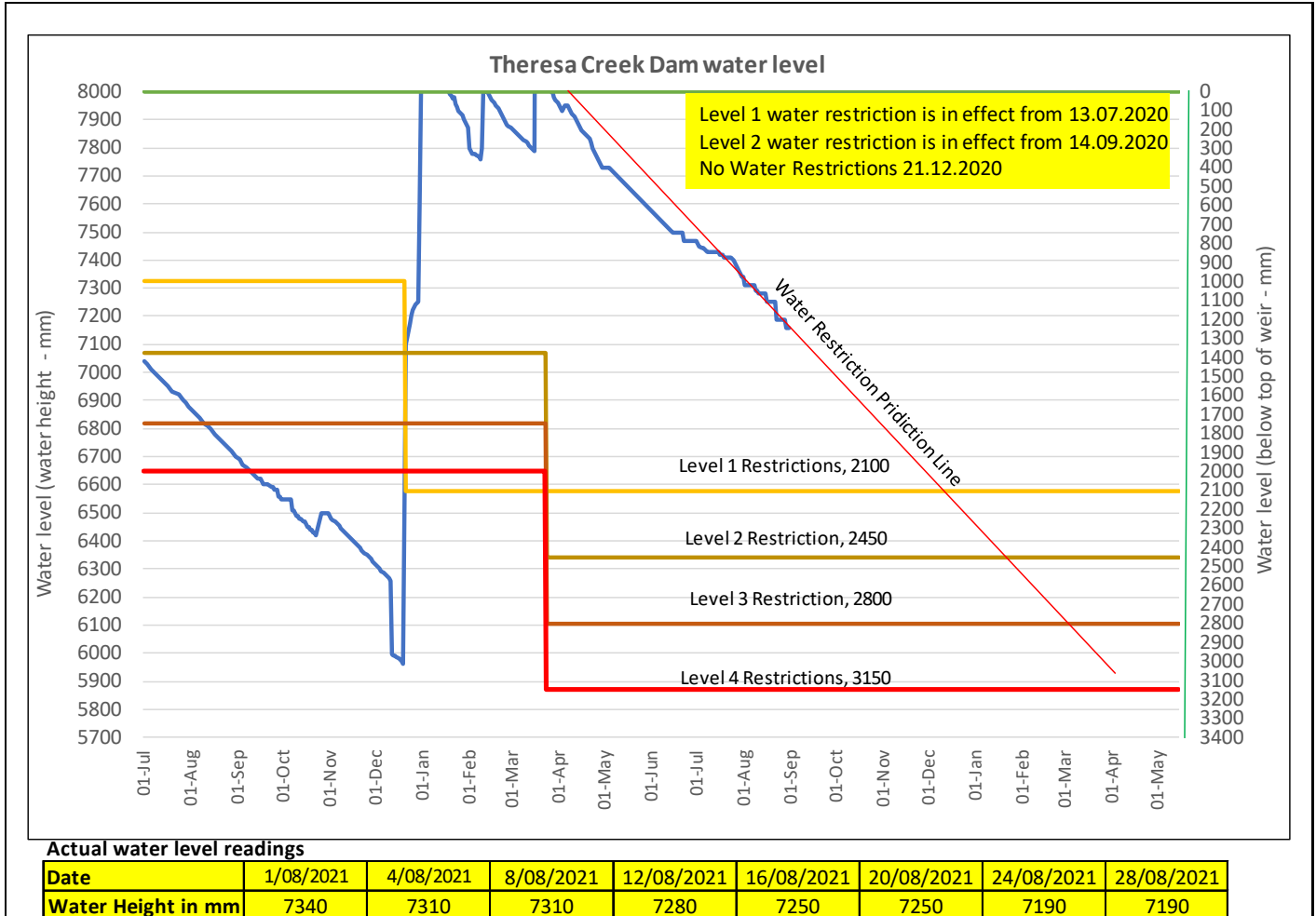
### PREVIOUS MONTH'S ISSUES:

#### 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.



## Theresa Creek Dam Water Level



Theresa Creek Dam Wall as at 27 August 2021



## St Lawrence Weir Water Level



St Lawrence Weir as at 27 August 2021

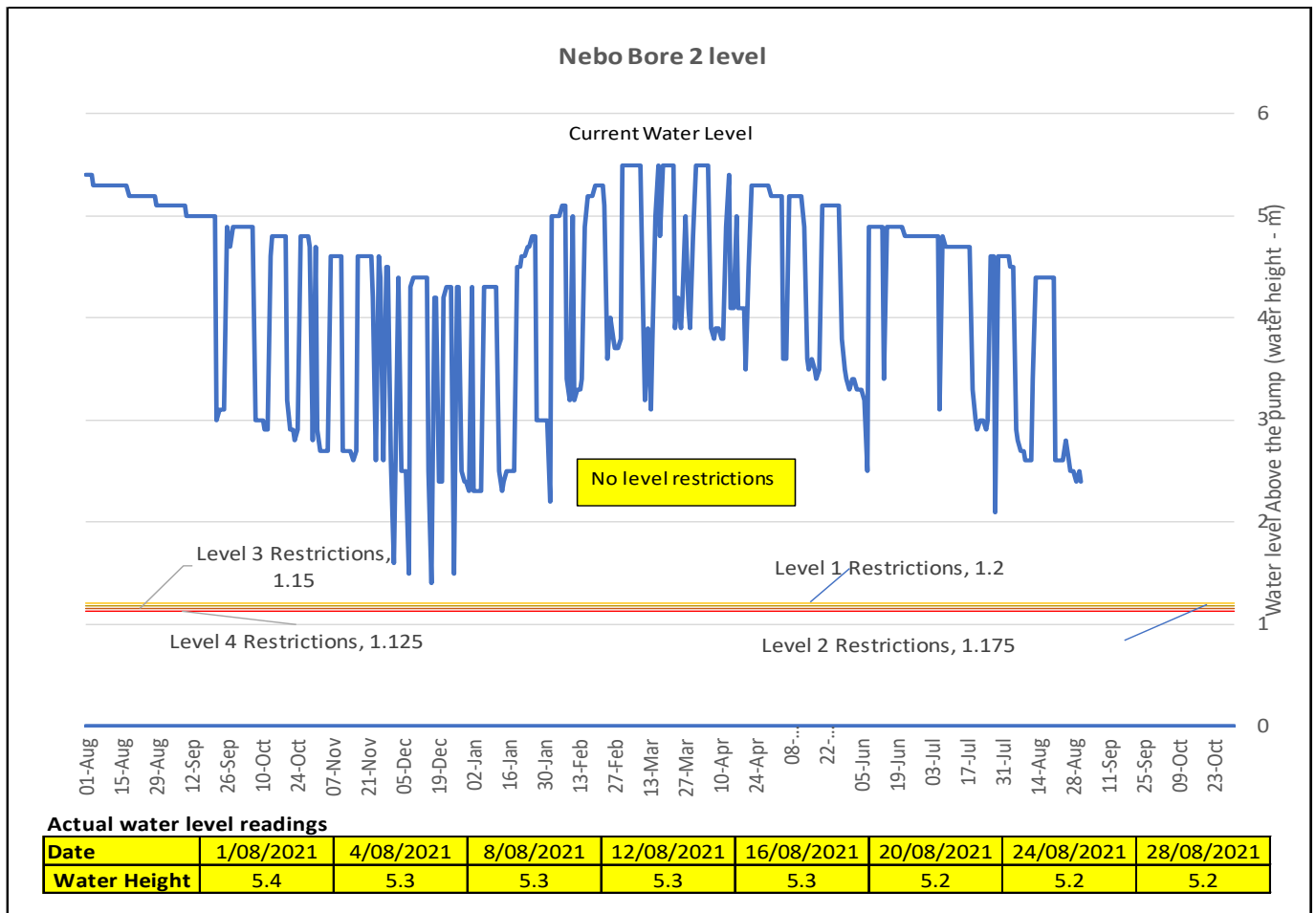


## Camila Weir Water Flow



Carmila Raw Water Creek photo from bore pumps as at 27 August 2021

## Nebo Bore 2 Level

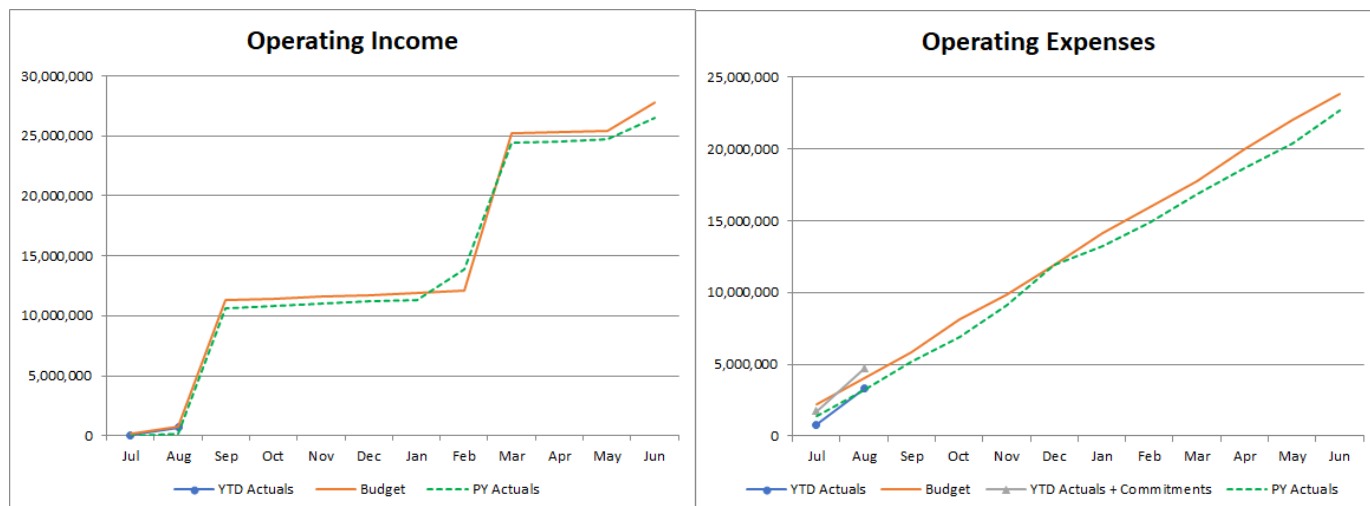


## Compliance

The table below contains current statutory undertakings across all assets.

|                                  | <b>TARGET DATE FOR COMPLETION</b>   | <b>COMMENTS</b>  |
|----------------------------------|---|--|
| Nebo WWTP TEP                    | Completion of the TEP is as per the notification provided by DES.   | All timelines being met to date with only IMP and REMP changes to be completed.  |
| Dysart ESD and WWTP EU           | Rescheduled site visit organised for the 18th and 19th of August for DES inspection of completed works for the EU and also the DYS landfill site  | DES site visit conducted on the 19 <sup>th</sup> of August as scheduled to close out the Dysart Environmental Undertaking with positive comments provided and a close out letter to be provided next month.<br>DES site visit of the Dysart Landfill on the 18 <sup>th</sup> of August was also successful with good comments as well. DES will send through site visit details next month also. |
| Sewer Overflow at Dysart         | The DES have asked IRC to respond to 16 April 2021 email regarding breach of condition 5-L1 of EA-EPR00791913 in relation to unauthorized release of raw sewage which overflowed at the Dysart Pumping Station 1. By the 7 May 2021 | Response from the DES has been received as a warning letter. IEMS and SPS EMP will assist with managing and prevention of overflows.   |
| SPS and IEMS                     | Work has been awarded to GHD. IEMS documentation is to be completed by 7 October 2021.  | Weekly progress meetings are held with GHD with input from stakeholders from IRC. Site inspections completed on the week ending 20 August 2021. IEMS template has been issued for comments from IRC. This project is tracking to schedule and budget.  |
| Moranbah ESD and OSD Assessments | Two of Effluent Storage Dams and one Overflow Storage Dam need to be assessed for Consequence Category.   | Kick-off meeting to be held on 3 September 2021. Site survey will be undertaken by mid-September 2021 to enable Consequence Category Assessment (CCA). This assessment will decide the future direction of this project.   |

## FINANCIAL REPORT:



## DEVIATION FROM BUDGET AND POLICY:

Nil.

## OPERATIONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

| Strategy (i.e., C5) | Service Area   | Description  | Monthly Status Update | Annual Status Update |
|---------------------|--|--|-----------------------|----------------------|
| 15                  | Provision of safe and reliable water supply services – monitor performance and undertake remedial action where required. | Incidence of unplanned interruptions –<br><ul style="list-style-type: none"> <li>&lt; 70 per 1000 connections / year</li> </ul> Total Water connection in IRC = 8479<br>Allowable target 21/22 – 593 | 12                    | 32<br>(Below target) |
| 15                  | Provision of safe and reliable water supply services – monitor performance and take remedial action where required.      | Water main breaks –<br><ul style="list-style-type: none"> <li>&lt; 40 per 100 km / year</li> </ul> Total Length of water main at IRC = 245 km<br>Allowable target 21/22 – 98                         | 12                    | 33<br>(On target)    |
| 15                  | Provision of safe and reliable water supply services – monitor performance and take remedial action where required.      | Water quality complaints –<br><ul style="list-style-type: none"> <li>&lt; 20 per 1000 connections / year</li> </ul> Total Water connection in IRC = 8479<br>Allowable target 21/22 – 170             | 0                     | 0<br>(Below target)  |
| 15                  | Provision of effective sewerage transport and treatment services – undertake / investigate – system condition and        | Wastewater Mains breaks and chokes –<br><ul style="list-style-type: none"> <li>&lt; 40 per 100 km / year</li> </ul>  | 3                     | 6<br>(Below target)  |

|    |  |   |    |                      |
|----|--|---|----|----------------------|
|    | functionality, monitor performance and undertake remedial action where required.   | Total Length of wastewater main at IRC = 202 km<br>Allowable target 21/22 – 81  |    |                      |
| 15 | Provision of effective sewerage transport and treatment services – undertake / investigate – system condition and functionality, monitor performance and undertake remedial action where required. | Wastewater complaints – Overflow on property and odour<br>• < 15 per 1000 connections / year<br><br>Total Wastewater connection in IRC = 7879<br>Allowable target 21/22 – 118 | 0  | 2<br>(Below target)  |
| 15 | Provision of safe and reliable water supply and effective sewerage transport and treatment services  | Total Water and Sewer Complaints (any nature) –<br>• < 100 per 1000 connections / year<br><br>Total Water connection in IRC = 8479<br>Allowable target 21/22 – 848            | 12 | 36<br>(Below target) |

## NEXT MONTH'S PROGRAM:

### Scheduled to Commence During Next Month

| PROJECT NAME/ DESCRIPTION                   | SCHEDULED END DATE | COMMENTS/EXCEPTIONS   |
|---|--------------------|---|
| Nebo Aquifer water allocation increase      | Dec 2021           | Reports provided and reviewed, and letter drafted for the regulators.     |
| WTP Site Based Management Plans             | May 2021           | Documents almost finalised and then to progress to approval process.      |
| WWTP Site Based Management Plans            | Dec 2021           | SWIM data reporting and other works have prevented this progressing       |
| Waste Site Based Management Plans           | Dec 2022           | Next for review after the WWTP site-based management plans are completed. |
| Integrated Environmental Management System. | Oct 2021           | IEMS creation underway with contract awarded                              |

## DEVELOPING INITIATIVES / ISSUES:

- DES site visit conducted to close out the Dysart Environmental Undertaking with positive comments provided and a close out letter to be provided next month.
- IEMS and SPS EMP are being compiled to comply with DES request from the Clermont overflow incident.
- Upgrades to the MBH WWTP recycled water pumps are progressing and should be completed by the end of next month.

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## WASTE SERVICES

### WIM & GW3 Waste Strategy

Meeting held jointly with Mackay Regional Council and Whitsunday Regional Council on 6 August. Discussion on current waste services in all 3 regions and current issues. Mackay waste strategy has expired, and Whitsunday is due for renewal soon, whilst Isaac's has 3 years left to run. Each Council will make its own strategy but there is also a need recognised to work up a joint strategy similar to the NQROC joint strategy.

### DES Inspection – Dysart Waste Management Facility

An inspection was carried out by DES on 18 August at Dysart. Feedback on site was very positive. This was the first inspection carried out at Dysart since the rehabilitation works were completed in 2019 and officers explained the works to the DES officers which was well received.

### Waste Services support to NDIS recipients

Informal discussions between officers and divisional councillors on addressing equality when waste from NDIS recipients is taken to waste sites by third parties which may be chargeable. A potential way forward has emerged which will be presented as a report to Council later this year.

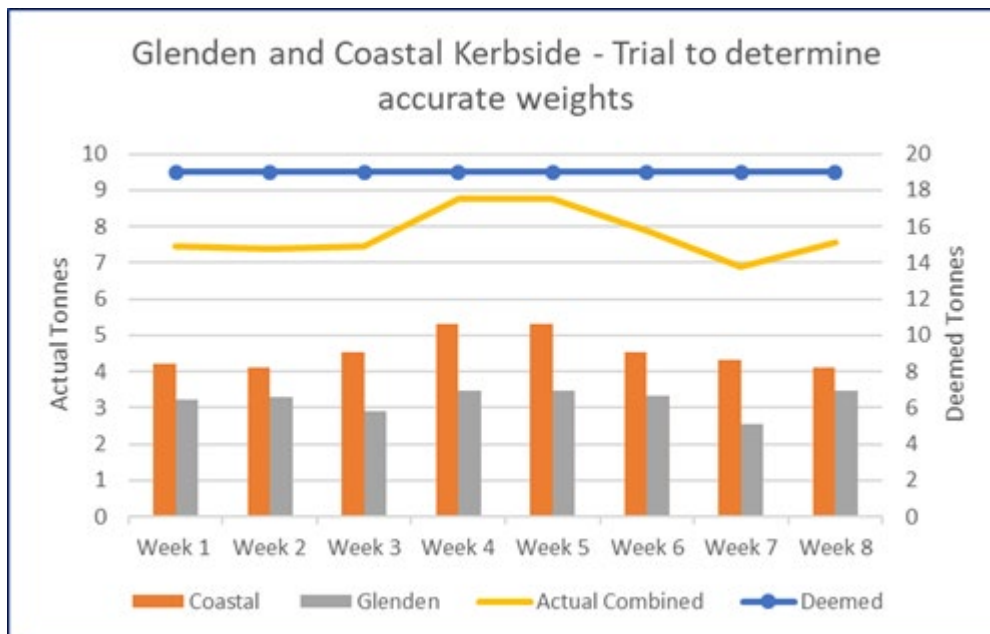
### Trial of Diverting Waste from Glenden to reduce levy costs

Currently the waste within the collection vehicle which services Coastal communities, Nebo and Glenden is deemed to be 9.5 tonnes per load, and this is the tonnage on which waste levy has to be paid (i.e. 9.5 tonnes x 2 loads x \$85 per tonne each week). Officers had long suspected that the actual true tonnage was closer to 3 or 4 tonnes and believed that there was potential to reduce costs.

A trial was carried out during June and July whereby the coastal and Glenden kerbside runs were diverted to Paget transfer station in Mackay so that the waste could be weighed on the weighbridge. The Nebo run is already tipped at Moranbah. The weighbridge recorded that the total weight of waste from Coastal communities and Glenden combined was 62 tonnes over the 8 weeks, whereas the deemed weight would have been 152 tonnes.

The trial concluded that there was not enough of a difference to make this a permanent arrangement. Whilst the true tonnages were shown to be between 3.5 and 4.5 tonnes per load, the cost arising from the gate fee means that the cost for Council for the waste levy (\$6k per month) will be less than the tipping fee charged by Mackay Regional Council (about \$8k to \$9k per month).





## Review of Site Opening Hours

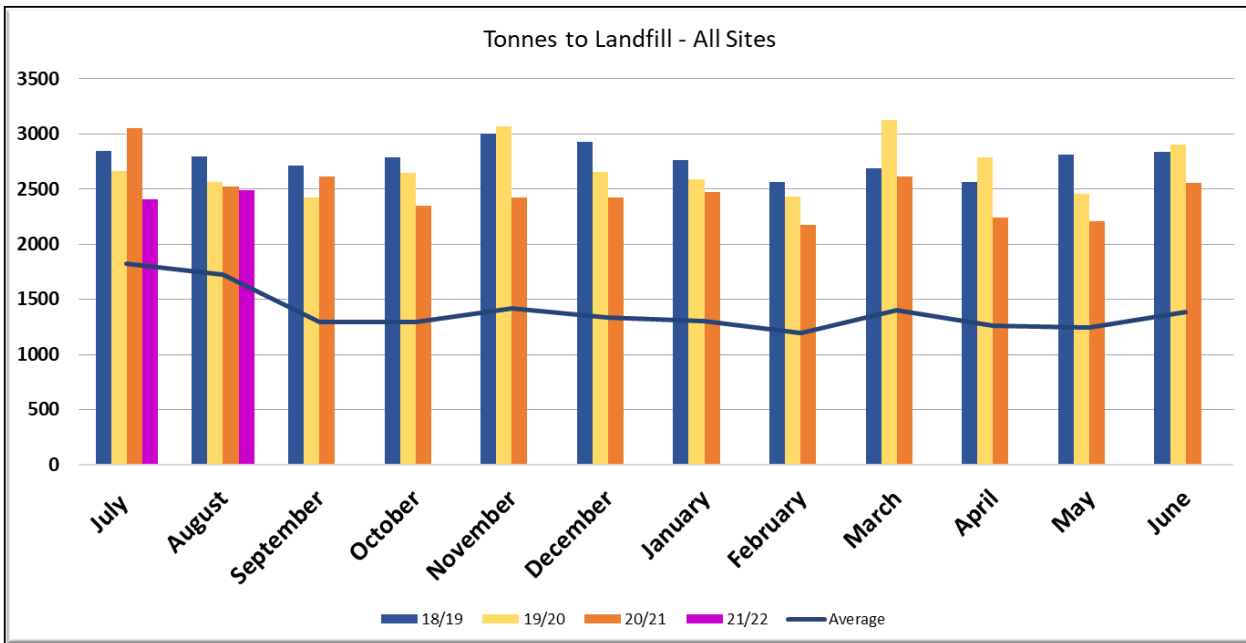
Officers are due to undertake a full review of site opening hours for all Waste Management Facilities, as a Waste Management Strategy action in 2021-22. In the immediate short term however, officers propose some temporary minor changes to opening hours at Nebo and Glenden. There has been a recent change to staffing at Nebo, with the Waste Services Team employing the staff who operate the site, whereas this was previously done by Parks & Recreation. The Nebo and Glenden sites operate more as a pair however some cover is still required by Parks & Recreation, although that team is now stretched, with two vacancies. In the short term the Waste Services team would propose the following changes which will result in the same hours overall, but with staffing being provided by one member of staff at weekends instead of two. Historical data has been analysed to assess impacts on customers visiting times to sites and we believe the proposal below minimises and impacts whilst endeavouring to allow for staff travel time and opening and closing activities.

|                        | Current            | Proposed           | Comments                      |
|------------------------|--------------------|--------------------|-------------------------------|
| Glenden - Tuesday      | 1.00pm to 4.00 pm  | 12.15pm to 4.15 pm | To enable travel from Nebo    |
| Glenden - Saturday     | 9.00am to 1.00 pm  | 8.00am to 11.30 pm | To enable travel to Nebo      |
| Glenden - Sunday       | 2.00 pm to 4.00 pm | 1.30 pm to 3.30 pm | To enable travel from Nebo    |
| Nebo - Saturday        | 12.00 to 5.00 pm   | 1.00 to 5.00 pm    | To enable travel from Glenden |
| Nebo - Sunday          | 9.00 am to 1.00 pm | 8.00 am to 12.00   | To enable travel to Glenden   |
| All other days / times | Unchanged          |                    |                               |

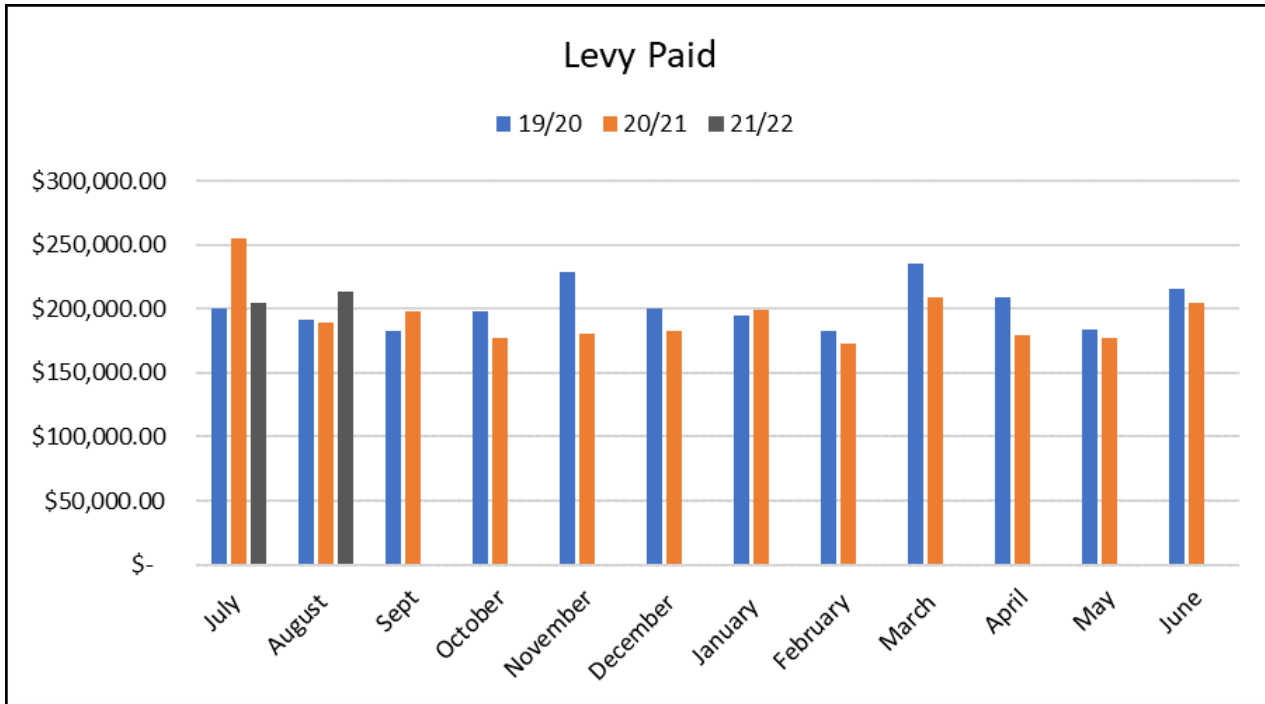


## Waste Tonnage and Waste Levy

2,395 tonnes of waste was landfilled in July and 2,490 tonnes in August, which is lower than the recent trend and which would project a lower annual tonnage than 2020-21, however the Glenden site in particular has seen a marked reduction in tonnage in recent months.



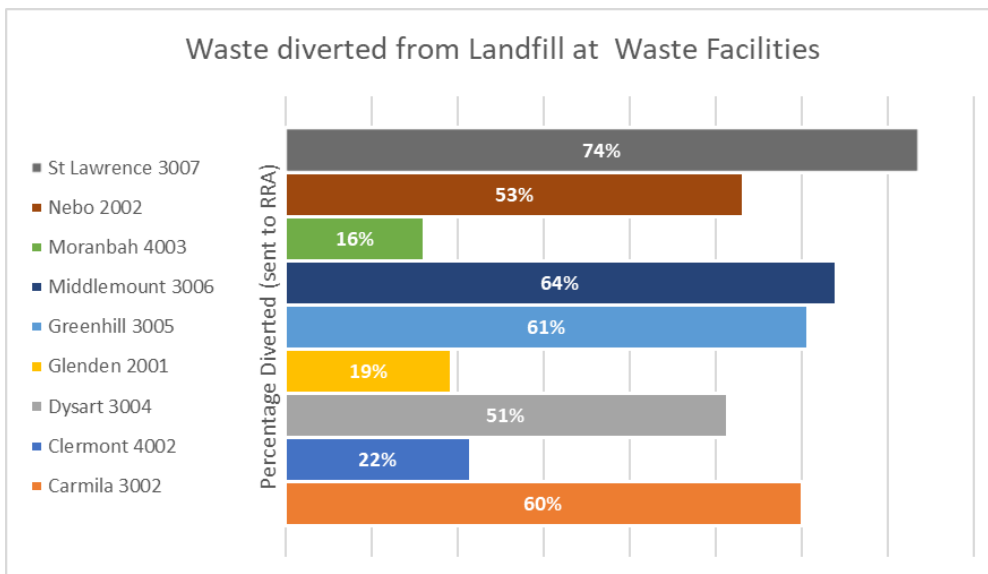
Increases in the amounts of waste levy paid in 2021-22 reflect the fact that the \$5 per tonne increase took effect from 01 July 2021, whereas in 2020-21 the increase was postponed due to Covid 19.



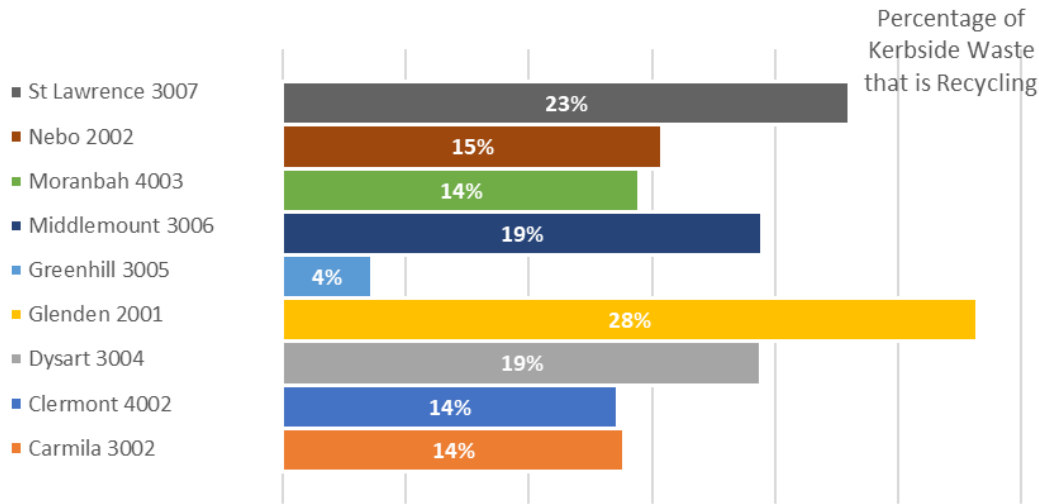
## Waste Diversion

The Target of 25% of waste diverted remains challenging, although in the first 2 months of the financial year performance has reached 22% to 23%.

The following graphs show the degree to which the waste management facilities (particularly the smaller sites) contribute to the overall performance level compared to the kerbside collection service.

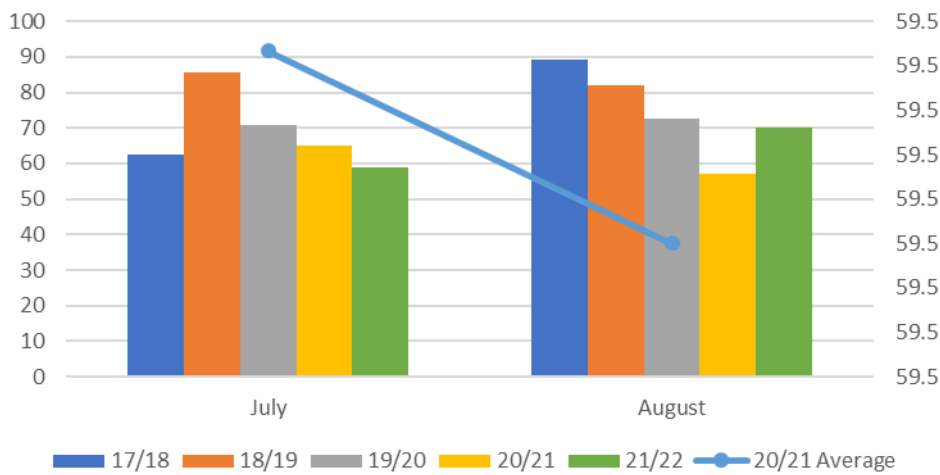


## Kerbside Recycling Performance at Isaac Localities



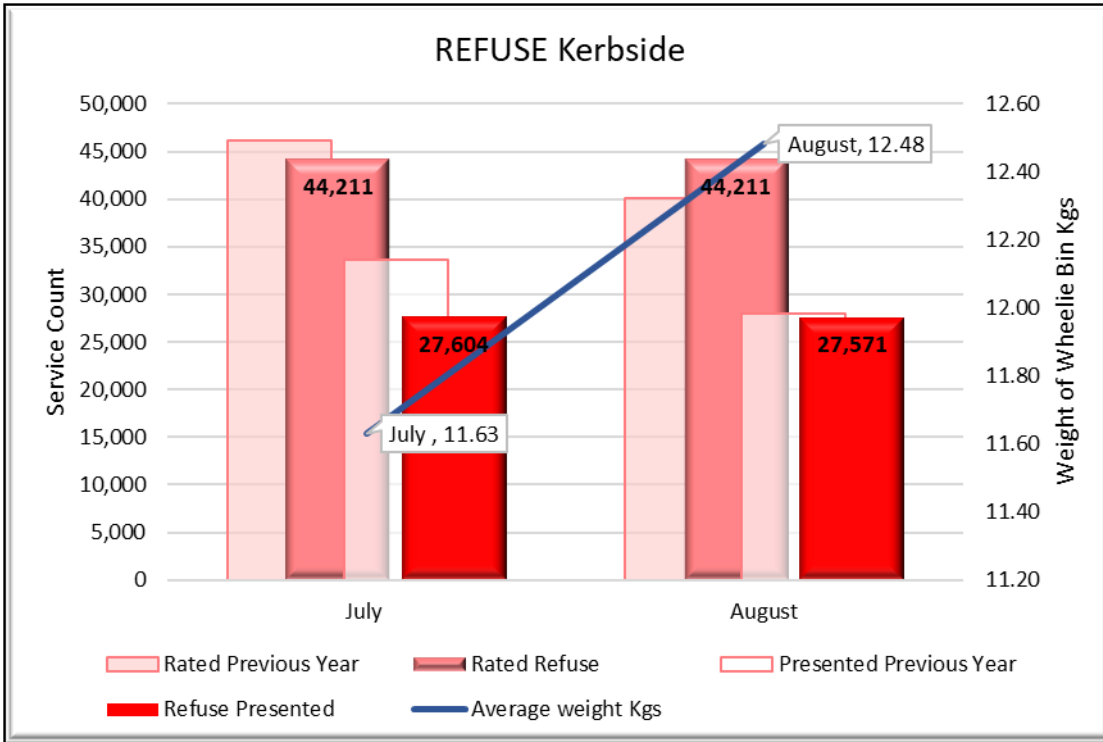
Waste sent for recycling from the yellow top recycling service continues on a downward trend.

## 2021 recycling delivered to Mackay MRF

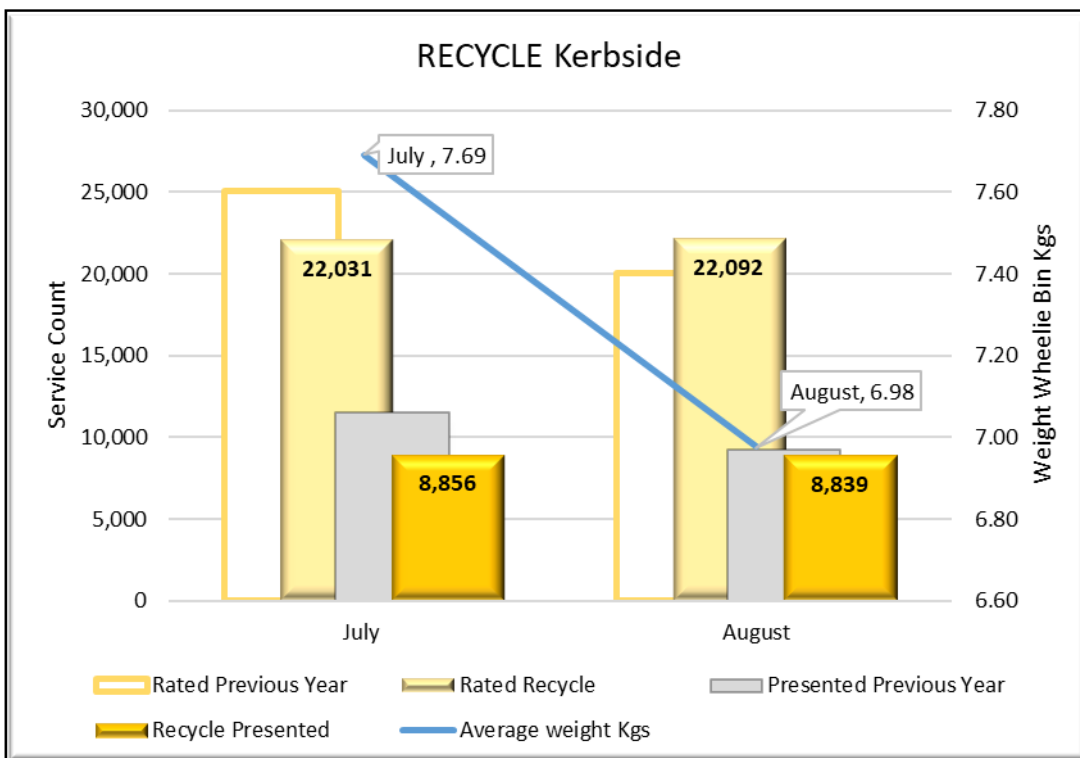


## Kerbside Waste Collection

Kerbside Red Top presentation rate was 62% in July and August. Average weight of bin contents increased.

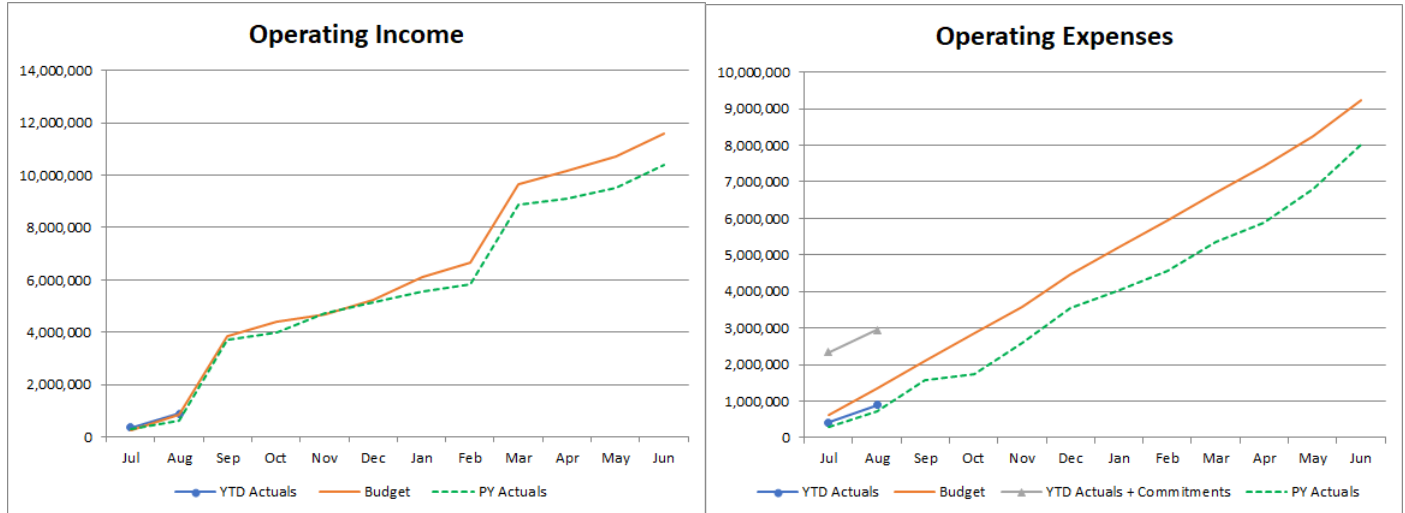


Kerbside Yellow Top presentation rate was only 40% in July and August, and average weight reduced.



Performance on missed collections remains high – only 19 missed collections in August

## FINANCIAL REPORT:



## OPERATIONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

| Waste & Recycling Contract 21/22 FY |   |   |  |                           |  |                                      |
|-------------------------------------|---|---|--|---------------------------|--|--------------------------------------|
|                                     | Number of missed services   | Collection of Missed Service                |  | Bin Repair / Replacements |  |                                      |
| KPI                                 | <10/5000 Services = less than 133 missed services for both months | 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 |
| Jul-21                              | 15  | 14  | 93%  | 41                        | 39   | 95%                                  |
| Aug-21                              | 19  | 16  | 84%  | 31                        | 28   | 90%                                  |

| Waste and Recycling Performance 21/22 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 |
| Jul-21                                   | 2405                               | 538                        | 58.86                                  | 613.4 (inc mulch)                             | 22%                               | 8856 out of 22,031 = 40%                               |
| Aug-21                                   | 2,491                              | 587                        | 69.99                                  | 84.68   | 23%                               | 8839 out of 22,092 = 40%                               |

| Compliance 21/22 FY |  |                                   |  |  |       |                    |
|---------------------|--|-----------------------------------|--|--|-------|--------------------|
| KPI                 | Compliance with Environmental Authority (EA) | Notice of scheduled site closures | Customer complaints non-price related                        | Nuisance complaints (odour/litter)                           |       | No of Transactions |
|                     | Compliance with all elements of EA >95%      | >7 days notice                    | Number of complaints / 1,000 transactions / site <10 / annum | Number of complaints / 1,000 transactions / site <20 / annum |       | N/A                |
| Jul-21              | YES  | NA                                |  |  | 5,505 |                    |
| Aug-21              | YES  | NA                                |  |  | 6,022 |                    |

## NEXT MONTH'S PROGRAM:

### Scheduled to Commence During Next Month

| Project Name/ Description              | Start Date | Scheduled End Date | Comments/Exceptions   |
|--|------------|--------------------|---|
| Review of Waste Acceptance Criteria    | 01.07.21   | 31.08.21           | Report to Council in October, including review of asbestos acceptance |
| Review of Waste Services Team Meetings | 01.07.21   | 31.08.21           | Completed, with new roster of meetings put in place                   |

## DEVELOPING INITIATIVES / ISSUES:

Waste Pricing – further presentations to be made.

Co Ex Drop Off Points at Coastal Sites – Meetings set up to look at details on each site. Potential for further sites (eg Nebo).

LAWMAC Meeting – February 2022 in Moranbah – Initial planning underway.

## PLANNING AND PROJECT DELIVERY

### PREVIOUS MONTH'S ACHIEVEMENTS:

#### Significant Projects Update

#### CW212875 MORANBAH AND MIDDLEMOUNT CARAVAN DUMP POINTS

The Moranbah and Middlemount caravan dump points project were sent to market in May with IRC inviting four (4) vendors to submit a submission. Roebuck Civil was successful in their submission with a letter of award sent at the end of June 2021.

#### Middlemount Dump Point

Construction of the Middlemount dump point commenced late July with the majority of the work completed in August. IRC are currently waiting for the signs to be delivered for final commissioning to occur in September.

#### Moranbah Dump Point

All stakeholders attended a pre-start meeting on Wednesday 25 August for the Moranbah dump point. Construction will commence in mid-September 2021.





Figure 1 – Initial construction of Middlemount dump point



Figure 2 – Middlemount dump point – awaiting on final signage

## CW202809 MORANBAH LANDFILL REMEDIATION

Project awarded at Ordinary Meeting 28/04/2020 to Synergy Resource Management. Revised project estimate now \$5,500,000 with the current expenditure at \$4,599,781.



Contractor has completed landfill reshaping, supply and placement of cover material, and clay capping. Current works remaining to complete include, greenwaste area select fill placement, access road construction, complete topsoiling, hydromulching and grass establishment. Progress continues to be slow with the project completion date extending out further each month. Premise were engaged in February 2021 to assist with closing out this project. The project team do not expect this project to be completed before end of September 2021.



Figure 1 – Top view of landfill



Figure 2 – Top view of landfill



Figure 3 – Side wall of landfill - grass being established



## CW222983 MORANBAH WTP REROOF – RESERVOIR 1

Moranbah Reservoir 1 was constructed back in the 1960s. The roof has sustained damaged during high wind activities over the years. Referring to figure 2 there have been a number of roof sheets dislodged during these events. A more thorough inspection of the roof has been undertaken and it has been identified that the steel is also displaying heavy corrosion. This year's budget will allow for a thorough inspection to be completed by an Engineering consultancy to determine cost and requirements to remediate or replace.



Figure 1 – MBH Reservoir 1



Figure 2 – Current roof condition displaying damage to roof sheeting

## CW212941 DYSART WWTP OPTIMISATION OF PLANT

This project is to undertake several activities at Dysart WWTP to optimise its operation:

- Improve storage and facilities space, by renovating the brick building and convert it into a lunchroom and lab, removing a wall in the office building (to make room for a new switchboard and increase office space), construct a secure storage enclosure for Chlorine Cylinders, and replace rusted posts which support the cable trays. Due for completion in late September 2021.
- Repair of concrete structures (for 2020/2021 this project will fund an assessment of the concrete structures including the channels under the trickling filters). CCTV has been undertaken in June 2021 and a comprehensive report has been produced and sent to IRC for review. Construction will delivered under project CW222986.
- Upgrading of Electrical infrastructure including expanding the PLC/SCADA infrastructure and replacing the main switchboard (Scoped in 2020/2021 and to be constructed in 2021/2022). The electrical upgrade project was awarded to Comlek in August 2021, site inspections have been completed with the consultant commencing the design phase.



Figure 1 – Lab building – minor items to be finalised



Figure 2 – New slab for storing of gas cylinders

## Clermont Water Quality Action Plan Update

There are several actions which Planning and Projects are responsible for. The below list contains the action and commentary on the action.

| Action                          | Commentary  |
|---------------------------------|---|
| Inline Analysers for WTP        | This package has been awarded and commenced procurement of equipment.   |
| Lighting at WTP                 | This work has been completed.   |
| Theresa Creek Dam installed VFD | VFD installation is complete, increased reliability of pumping from TCD |

## Program Activities

- Development of Strategic Procurement Plan for FY21/22.

## PREVIOUS MONTH'S ISSUES:

- Resourcing is an emerging issue with a contracted Project Manager finishing up with IRC and the time requirements of managing the Moranbah landfill project significantly increasing.

## FINANCIAL REPORT:

The following is a report of the Water and Waste Capital Projects delivery highlighting:

- Progress
- Exceptions
- Deviations on the capital projects

As at 31/08/2021, Water and Wastewater actual expenditure totals \$685,298 representing **7.51%** of the new approved budget (21-22 - \$9,124,000) and a total spend inclusive of tender commitments of \$2,087,085 which represents **22.87%** of annual approved budget.

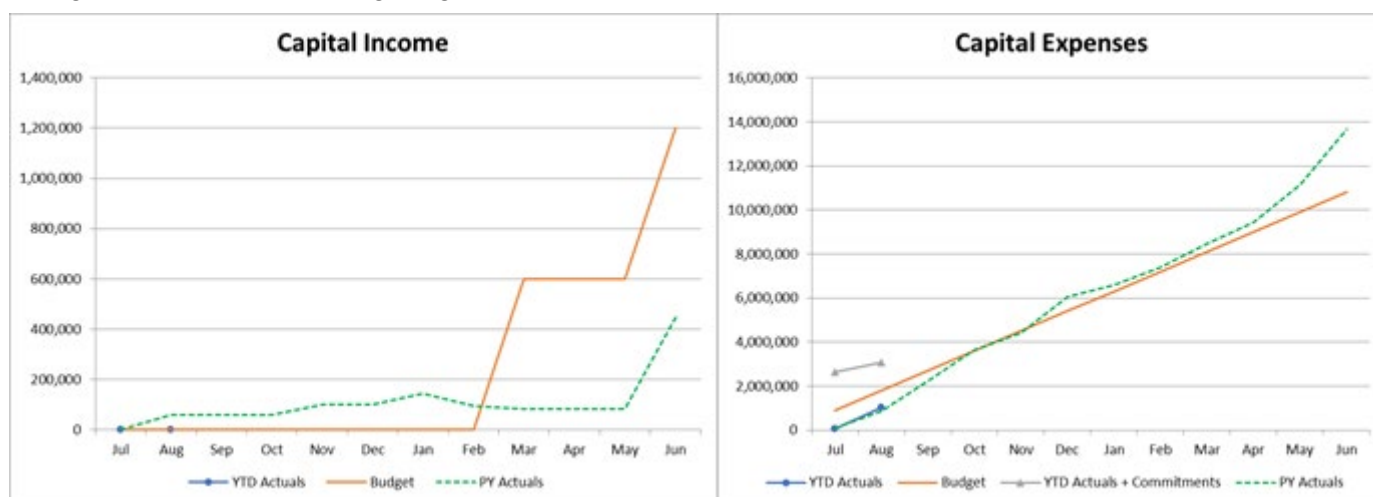
As at 31/08/2021, Waste Services actual expenditure totals \$325,616 representing **19.42%** of the new approved budget (21-22 - \$1,677,000), and a total spend inclusive of tender commitments of \$980,154 which represents **48.81%** of annual approved budget.

The combined Water & Waste actual expenditure totals \$1,010,913 representing **1%** of annual approved budget (21-22 - \$10,801,000) and a total spend inclusive of tender commitments of \$3,067,325 representing **28.40%** of annual approved budget.

## EXPENDITURE SUMMARY

| <b>Water &amp; Wastewater</b>                                   | <b>JULY 2021</b> | <b>AUGUST 2021</b> |
|---|------------------|--------------------|
| Actual CF plus 21/22 Program Expenditure to date                | \$70,212         | \$7,685,298        |
| Actual Program Expenditure including Tender commitments to date | \$1,792,405      | \$2,087,085        |
| <b>Waste</b>  |                  |                    |
| Actual CF plus 21/22 Program Expenditure to date                | \$5,546          | \$325,616          |
| Actual Program Expenditure including Tender commitments to date | \$818,501        | \$980,154          |

The graph below tracks budget against actuals plus commitments.



## DEVIATION FROM BUDGET AND POLICY:

The above financial commentary does not include carry overs as this process has yet to be finalised and approved. The majority of the actuals above for this FY are actually on committed projects with existing contracts. This means that the percentages above are slightly skewed due the total budget not including carry forwards.

## 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:<br><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:<br><ul style="list-style-type: none"> <li>&gt;90% all subprograms in the W&amp;W capital program is completed on time and in budget</li> </ul> | Delay in the delivery of some projects has been reflected in under expenditure for actuals.<br>Monitor |

## NEXT MONTH'S PROGRAM:

### Capital Projects Update

| CW Number | Project Name/ Description                                  | Comments/Exceptions   |
|-----------|--|---|
| CW182537  | CORP Raw Water Remediation Works                           | Land valuations were obtained from an independent valuer. An application to purchase State Land was lodged (RPS). Department of Resources (DoR) has completed the assessment and issued an offer which has subsequently been accepted. Community consultation completed as per DoR requirements. Consultant engaged to provide pathway for Native Title extinguishment. Further dam remediation design reviews currently underway to ensure that VFM is achieved. GHD are in the process of updating designs.   |
| CW182563  | MMT WTP Reroof Clearwater Tanks 1 & 2                      | Project is not yet complete, original PC date was scheduled for mid-August, contractor is awaiting for valves which have been ordered from overseas.  |
| CW182564  | CORP WTP clearwater tank upgrades (Capricorn St Reservoir) | Reservoir is now full. New zone identified with 22m CV open, 24m CV close. Camera test shows no leak on floor. DGH to be sent video.  |
| CW182580  | Old Failed equipment (MBH WWTP Belt press)                 | Moranbah Belt Filter Press: All complete, except for minor items and more system fine-tuning with the operators. Issues found during testing have now been addressed and plant has been commissioned.   |
| CW192733  | CLM STP Upgrade works                                      | Chlorine Duplication project: Completed with final stage of commissioning to be completed (waiting on operations). Wind-sock and all other equipment has been installed.  |
| CW202809  | MBH Landfill - Stormwater, Leachate Management             | Project awarded to Synergy Resource Management 28/04/2020. Revised project estimate now \$5,500,000. Current total project expenditure \$4,599,781. Contractor has completed landfill reshaping, supply and placement of cover material, and clay capping. Current works remaining to complete include, green waste area select fill placement, access road construction, complete topsoiling, hydro mulching and grass establishment. Agreement was reached for the Principal to supply the project topsoil, select fill and top up clay, due to ongoing credit issues |



|          |   |  |
|----------|---|--|
|          |   | between the principal contractor and suppliers. Progress has been slow due poor productivity, ongoing construction process issues and contractor inexperience, with the contractor likely to be 9-10 months late in the delivery of this project (6-7mths over PC). A new Superintendent was appointed Feb 2021 (Premise) to assist with the closing out of this project. The Contractor has been extremely difficult to deal with throughout the project and there continues to be issues which require legal advice and ongoing project support from Premise, adding to the overall project costs. Currently awaiting the contractors revised program, however the project team don't expect this project to be completed before end of Sept 2021. This is a multi-year project. |
| CW212857 | CAR Transfer Station - Retaining Wall     | Combined with Greenhills transfer station project. Revised drawings received 23/07/2021 have been reviewed by IRC and require changes of the wall layout prior to progressing to tender stage. RFT documentation being developed. Anticipate construction works to go out for Tender in September 2021. Carryover project from 2020/21.  |
| CW212861 | CORP Water Mains Replacement Program      | Water mains – Archer Drive Moranbah: Two contractors attended a site meeting on 04/08/2021 to develop a scope of works. Nixon has been awarded the contract to undertake the replacement of the burst mains. It is anticipated that works will commence early September 2021.  |
| CW212862 | GNH Transfer Station – Retaining Wall     | Combined with Carmila transfer station project. Revised drawings received 23/07/2021 have been reviewed by IRC and require changes of the wall layout prior to progressing to tender stage. RFT documentation being developed. Anticipate construction works to go out for Tender in September 2021. Carryover project from 2020/21.   |
| CW212863 | CORP Water Valve & Hydrant Repair/Replace | MBH McCool St and Flinders Dr valve replacements construction works completed by Moranbah Plumbing & Contractors. As-constructed information received and uploaded into GIS / Intramaps. Project complete, awaiting final invoice.   |
| CW212866 | CORP - SPS Renewal Program                | MBH SPS02 to be completed. Bypass to be installed.<br><br>Glenden: Almost completed, with minor activities left including a small variation approved in August. All switchboard installations are complete.  |
| CW212875 | Caravan Dump Points - MBH & MMT           | MMT dump point installed, roadworks done. Awaiting signage. RPZ to be commissioned. MBH prestart held 25/08/2021.  |
| CW212936 | CORP SN Manhole Rehabilitation            | Project awarded to Nixon Plumbing. Works progressing in Clermont, potential for delays due to supply issues for precast components. Works to be included in Middlemount to address major concrete degradation in several manholes. Project to carryover to Q1, 21/22.  |

|          |   |  |
|----------|---|--|
| CW212940 | CLM WTP Quality Response Action Works       | Iron and manganese analysers to be installed under IRCQ2013-1120-854 to improve the quality of the CLM water supply. Inlet valve replacement, clarified water sample pit, and installation of analysers scheduled for 26 August. Works expected to be completed by mid-October 2021. |
| CW212941 | DYS STP Optimisation of Plant               | Building Works: Lab & lunchroom completed and expected rest of project to be completed by late September. Electrical/SCADA: Project awarded in August, site inspected completed and design started.  |
| CW222964 | CORP SPS rehabilitation works MMT, NBO,     | Scope of works is being developed for the RFT.   |
| CW222970 | MBH WTP Boby Plant filter Media replacement | Scope of works is being developed for the RFT.   |
| CW222971 | CLM Water Network Augmentation              | WM upgrades to be prioritised with operations. RFQ for design to be undertaken.  |
| CW222974 | CORP Sewer Relining                         | Planning and investigations have commenced to define project scope. Anticipate tender stage to be completed in Q2 with construction delivery to be completed in Q3/4.  |
| CW222975 | CORP Bulk water meter replacements          | Project planning and investigations have commenced. Scope of works to be developed.  |
| CW222983 | MBH WTP - roof replacement                  | RFQ for Structural Engineering inspections and assessments released. Closes 10/09/2021. Tank drainage to commence 22/09/2021 and site inspections 12/10/2021.  |
| CW222986 | Dysart WWTP Trickling filters x 2           | Planning and scoping of project has commenced.   |
| CW222989 | TCD Riparian valve redundancy               | RFQ to be prepared.  |
| CW222994 | MBH & GLN WWTP - fencing repairs            | Scope of works identified for MBH WWTP. GLN to be done 07/09/2021. RFQ to be done.   |
| CW222995 | CORP WWTP - old failed equipment            | DGH repairing aerator for CLM WWTP. Nixon replacing humus line @ CLM WWTP.   |

## Projects Completed this Month

| CW Number | Project Name/ Description     | Comments/Exceptions   |
|-----------|-------------------------------|---|
| CW212864  | CORP SN main relining program | Project completed by Relining Solutions. Pipe relining works completed 21/06/2021. Installation of top hats into house connection branches and final CCTV reports completed |

## New Capital Works Projects (FY 21/22)

The new capital works projects have been allocated to the project managers. A couple of these new projects are in the initial stages of preparing the scope of works for the RFT/RFQ process.

Upon review of the RFT/RFQ's process the capital works team will be able to provide a more comprehensive delivery timeline.

## DEVELOPING INITIATIVES / ISSUES:

Nil.

# INFORMATION BULLETIN



**Report authorised by:**  
GARY MURPHY  
**Director Water and Waste**  
  
Date: 8 September 2021

## ATTACHMENTS

- CONFIDENTIAL Attachment 1a – Water and Waste Capital Projects August 2021\_2022 Financial Year

PAGES 50 TO 51 HAVE INTENTIONALLY BEEN REMOVED DUE TO CONFIDENTIAL REASONS