

NOTICE OF MEETING

Dear Committee Members

You are requested to attend the following meeting of Council.

WATER AND WASTE STANDING COMMITTEE MEETING OF ISAAC REGIONAL COUNCIL

TO BE HELD ON
WEDNESDAY, 9 JUNE 2021
COMMENCING AT 1.00PM
COUNCIL CHAMBERS, MORANBAH

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 Veale

Cr Lyn Jones

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.

**WATER AND WASTE
STANDING COMMITTEE MEETING
OF ISAAC REGIONAL COUNCIL
TO BE HELD ON
WEDNESDAY 9 JUNE 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

TABLE OF CONTENTS

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 12 May 2021.

5. OFFICER REPORTS

5.1 MATERIALS RECYCLING FACILITY RECOVERY SHARE ARRANGEMENT 2021-22

EXECUTIVE SUMMARY

This report seeks endorsement of the proposed 2021-22 Recovery Share Arrangement with the operators of the Materials Recycling Facility currently used by Isaac Regional Council for the disposal of recyclable household waste, in order to receive a share of the Container Deposit Scheme deposits from eligible containers which are collected via Isaac Regional Council's kerbside recycling collection service.

5.2 WASTE MANAGEMENT FACILITIES – CONTAINER REFUND POINTS

EXECUTIVE SUMMARY

This report provides Council with a proposal to establish container drop-off points within certain Isaac Regional Council Waste Management Facilities to support the state government's Container Refund Scheme – Containers for Change – within the Isaac region.

TABLE OF CONTENTS

5.3 WASTE MANAGEMENT FACILITIES – PUBLIC HOLIDAYS

EXECUTIVE SUMMARY

This report provides Council with a review of the current policy on closing of Waste Management Facilities on public holidays and recommends no change to the current policy.

5.4 WATER AND SEWERAGE UTILITY CHARGES – GUIDING PRINCIPLES

EXECUTIVE SUMMARY

The purpose of this report is to confirm the Guiding Principles which will be used as the basis for upcoming Water and Sewerage Utility Charge reviews and amendments. Council's previous consideration applied the Guiding Principles to Sewerage only.

6. INFORMATION BULLETIN

6.1 WATER AND WASTE INFORMATION BULLETIN – JUNE 2021

EXECUTIVE SUMMARY

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

7. GENERAL BUSINESS

8. CONCLUSION

UNCONFIRMED MINUTES

WATER AND WASTE STANDING COMMITTEE MEETING OF
ISAAC REGIONAL COUNCIL

HELD ON
WEDNESDAY, 12 MAY 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 12 MAY 2021

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

ISAAC REGIONAL COUNCIL
UNCONFIRMED MINUTES OF THE
WATER AND WASTE
STANDING COMMITTEE MEETING
HELD IN COUNCIL CHAMBERS, MORANBAH
ON WEDNESDAY 12 MAY 2021 COMMENCING AT 1.00PM

ATTENDANCE

Cr Simon West, Division Four (Chair)
Mayor Anne Baker
Cr Greg Austen, Division One
Cr Kelly Veale, Division Five
Cr Sandy Moffat, Division Two *(via video conference)*
Cr Gina Lacey, Division Three *(via video conference)*
Cr Jane Pickels, Division Seven *(via video conference)*
Cr Viv Coleman, Division Eight *(via video conference)*

OFFICERS PRESENT

Mr Jeff Stewart-Harris, Chief Executive Officer
Mr Gary Murphy, Director Water and Waste
Mr Robert Perna, Director Engineering and Infrastructure
Mr Darren Fettell, Director Corporate, Governance and Financial Services
Mr Karl Murdoch, Manager Waste Services
Mrs Lisa Tonkin, Manager Business Services
Mr Neill Thompson, Project Manager - Planning & Project Development
Mr Beau Jackson, Manager Brand, Media and Communications
Mrs Nicole Money, Executive Assistant
Ms Serena Davey, 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.

MEETING MINUTES

PROCEDURAL MOTION

Resolution No.: W&W0309

Moved: Cr Kelly Ve a Ve a

Seconded: Cr Greg Austen

That the Water and Waste Standing Committee adjourn the meeting at 1.01pm

Carried

PROCEDURAL MOTION

Resolution No.: W&W0310

Moved: Cr Kelly Ve a Ve a

Seconded: Cr Greg Austen

That the Water and Waste Standing Committee resume the meeting at 1.20pm

Carried

ATTENDANCE

Mayor Anne Baker, Cr Sandy Moffat, Cr Gina Lacey, Cr Jane Pickels, Cr Viv Coleman, Mr Jeff Stewart-Harris, Mr Robert Perna, Mr Darren Fettell and Mr Beau Jackson were not present at the resumption of the meeting. Mr Beau Jackson returned to the meeting room at 1.21pm

2. APOLOGIES

The Committee received an apology from Cr Lyn Jones.

Resolution No.: W&W0311

Moved: Cr Kelly Ve a Ve a

Seconded: Cr Greg Austen

The Water and Waste Standing Committee accepts the apology received from Cr Lyn Jones.

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 14 April 2021.

Resolution No.: W&W0312

Moved: Cr Kelly Vea Vea

Seconded: Cr Greg Austen

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

Carried

5. OFFICERS REPORTS

5.1 Future Structure of the Local Authority Waste Management Advisory Committee

EXECUTIVE SUMMARY

The purpose of this report is to update Council of a briefing provided to The Local Authority Waste Management Advisory Committee (LAWMAC) members on the future structural opportunities for LAWMAC to become a "stand-alone" entity separate from the Regional Queensland Council of Mayors (RQCOM) (previously the Northern Alliance of Councils - NAOC), at LAWMAC's March 2021 meeting.

OFFICER'S RECOMMENDATION

That the Committee recommends to Council to:

- Note the content of the report in relation to the resolution by the Local Authority Waste Management Advisory Committee (LAWMAC) to move towards becoming an Incorporated Association.***

MEETING MINUTES

Resolution No.: W&W0313

Moved: Cr Kelly Ve a Ve a

Seconded: Cr Greg Austen

That the Committee recommends to Council to:

- Note the content of the report in relation to the resolution by the Local Authority Waste Management Advisory Committee (LAWMAC) to move towards becoming an Incorporated Association.**

Carried

ATTENDANCE

Ms Serena Davey left the meeting room at 1.38pm and returned to the meeting room at 1.39pm

Mr Shane Brandenburg, Acting Director Planning, Environment and Communications entered the meeting room at 1.44pm and left the meeting room at 1.44pm

6. INFORMATION BULLETIN REPORTS

6.1 Water and Waste Information Bulletin – May 2021

EXECUTIVE SUMMARY

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

OFFICER'S RECOMMENDATION

That the Committee:

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

Resolution No.: W&W0314

Moved: Cr Kelly Ve a Ve a

Seconded: Cr Greg Austen

That the Committee:

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

Carried

NOTE: Cr Kelly Ve a Ve a requested a further report be provided on Theresa Creek Dam in relation to the future dredging of the remaining silt.

MEETING MINUTES

7. GENERAL BUSINESS

7.1 Dredging Checks

Cr Greg Austen enquired as to how dredging is checked and verified.

Director Water and Waste confirmed that the biometric and depth soundings are checked by the project manager.

Verification on timing of inspection of Theresa creek be provided to the Committee

ACTION: DIRECTOR WATER AND WASTE

7.2 Clermont 5ML Reservoir Open Day

The Chair thanked the Director Water and Waste for the kind reception at the Clermont 5ML Reservoir Open Day and for the efforts of all Officers involved with the Open Day.

8. CONCLUSION

There being no further business, the Chair declared the meeting closed at 2.05pm.

These minutes were confirmed by the Committee at the Water and Waste Standing Committee Meeting held in Moranbah on Wednesday 9 June 2021.

.....
CHAIR

..... / /
DATE

MEETING DETAILS

Water and Waste Standing Committee
Wednesday 9 June 2021

AUTHOR

Karl Murdoch

AUTHOR POSITION

Manager Waste Services

5.1 MATERIALS RECYCLING FACILITY RECOVERY SHARE ARRANGEMENT 2021-22

EXECUTIVE SUMMARY

This report seeks endorsement of the proposed 2021-22 Recovery Share Arrangement with the operators of the Materials Recycling Facility currently used by Isaac Regional Council for the disposal of recyclable household waste, in order to receive a share of the Container Deposit Scheme deposits from eligible containers which are collected via Isaac Regional Council's kerbside recycling collection service.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

- 1. Approve the entering of an agreement with Re.Cycle Operations (Mackay) Pty Ltd to enable Council to receive 50 per cent of the 10-cent refund on each qualifying container under the Container Refund Scheme for a further twelve month period.**
- 2. Authorise the Chief Executive Officer to negotiate, execute and vary the agreement as required.**

BACKGROUND

Following the passage of the *Waste Reduction and Recycling (Amendment) Act 2017*, the State Government announced a Container Refund Scheme (CRS) throughout Queensland – Containers for Change – which introduced a 10 cent deposit on various drinks containers which can be refunded to consumers when they surrender their containers for recycling via special refund points. The CRS scheme has now been in operation for 19 months.

Recyclable waste in Council's yellow top recycling collection service includes recyclable containers which are eligible for the 10-cent refund under the Containers for Change Scheme. Council can claim part of the 10-cent refund for containers collected in the yellow top bin, but the refund can only be claimed via a share agreement with Council's Materials Recycling Facility (MRF).

The effects of the Chinese Government's National Sword Policy continue to have an impact on recycling in Australia, with market uncertainty continuing and export bans of certain materials due to be implemented. Whilst the effects on Isaac Regional Council (IRC) have not been prohibitive up to now, the price per tonne of processing kerbside recyclables is currently \$129 per tonne however it is anticipated that this will increase in the future.

Initially the tonnage of recyclables collected in IRC's yellow-top collection reduced by less than 4%. More recently the performance of the Containers for Change scheme has improved locally and there has been a reduction of about 20% from an average of 80 tonnes per month to between 55 and 65 tonnes per month.

IRC officers' view is that this sustained reduction is almost entirely due to the containers being diverted from the yellow-top bins into the CRS scheme, however without costly detailed audits of bin contents it is not possible to be certain. Officers were unable to carry out full waste audits in 2020-21 following the adoption of a frugal budget in response to Covid-19 however audits will be carried out in future, in line with Council's Waste Management Strategy. Data collected from these audits will help to form a more complete picture of waste trends.

Containers which are collected via the yellow-top collection service and end up at the Materials Recycling Facility (MRF) nevertheless each have a value of 10-cents which can be refunded via the CRS. CoEx has accepted that Councils and MRFs can claim the 10-cent refunds and agree on how to share the amounts.

Council has resolved in 2019 and 2020 to enter into the CRS scheme's default arrangement which is a 50/50 share with the MRF, operated by Re.Cycle Operations (Mackay) Pty Ltd. Several other options have been considered however the 50/50 option was considered to represent the optimum balance between potential CRS revenue and risk of increased processing costs.

Council has received payment for the first two quarters of 2020-21, totalling \$27,014.80. There is a long delay between the recyclables being delivered to the MRF and receipt of the share amounts. Based on the payments received for 2019-20 and 2020-21, officers have proposed a budget of (\$60,000) revenue for 2021-22. Officers have not experienced enough state-wide or local figures to be confident about longer term tonnages and numbers of containers. Officers therefore consider that the prudent option would be to continue with the current 50/50 arrangement for a further 12 months.

IMPLICATIONS

Financial

Not entering into the recovery share arrangement could result in a net reduction in cost to Council of up to \$60,000 per year, which has been built-in to officers' proposed budgets for Council's consideration for 2021-22.

Council is only able to obtain the 50% share via this or a similar agreement. Failure to negotiate an agreement of any kind with the MRF would result in loss of this revenue opportunity by both Council and the MRF. In such a case the deposit amounts would remain with CoEx.

If Council opted in the future to use a different MRF, the proposed share mechanism would automatically cease and a new arrangement would have to be negotiated with the new MRF.

Risk

A risk associated with the CRS scheme is that the scheme becomes so successful that the tonnage collected in the yellow-top bin service drops to a level that makes the collection service unsustainable in its current form. Officers consider that the likelihood of this risk remains low, although this could change in the future. This is highlighted in Council's Waste Management Strategy 2020-25.

Waste and Recycling

Figures since the introduction of the CRS now show a more significant impact on the yellow-bin tonnage than reported in June 2019. Monthly tonnage has reduced to about 65 tonnes per month, compared to 80 tonnes pre-CRS.

CONSULTATION

Director Water and Waste

Manager Waste Services

BASIS FOR RECOMMENDATION

Council's failure to negotiate an agreement of any kind with the MRF would result in loss of this revenue opportunity by Council

ACTION ACCOUNTABILITY

Manager Waste Services to ensure that payments are made correctly for correct volume of containers.

KEY MESSAGES

Signing up to this agreement will ensure that Council continues to receive a 50% share of the value of the qualifying containers collected via the yellow-top recycling collection service.

Report prepared by:	Report authorised by:
KARL MURDOCH	GARY MURPHY
Manager Waste Services	Director Water and Waste
Date: 24 May 2021	Date: 24 May 2021

ATTACHMENTS

- CONFIDENTIAL Attachment 1 – Recovery Sharing Arrangement Mackay Materials Recovery Facility Agreement 2021-22

REFERENCE DOCUMENT

Nil

PAGES 16 TO 18 HAVE INTENTIONALLY BEEN REMOVED DUE TO CONFIDENTIAL REASONS

MEETING DETAILS

Water and Waste Standing Committee
Wednesday 9 June 2021

AUTHOR

Karl Murdoch

AUTHOR POSITION

Manager Waste Services

5.2 WASTE MANAGEMENT FACILITIES – CONTAINER REFUND POINTS

EXECUTIVE SUMMARY

This report provides Council with a proposal to establish container drop-off points within certain Isaac Regional Council Waste Management Facilities to support the state government's Container Refund Scheme – Containers for Change – within the Isaac region.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

- 1. Support the establishment of three Container Drop Off Points within the Isaac region at Greenhill, Carmila and St Lawrence Waste Management Facilities to support the State Government's Container Refund Scheme – Containers for Change.**

BACKGROUND

The State Government introduced a Container Refund Scheme – *Containers for Change* – via the *Waste Reduction & Recycling (Container Refund Scheme) Amendment Regulation 2018* (Scheme) throughout Queensland, on 01 November 2018. The Scheme enables Queenslanders to claim a refund of 10 cents for each qualifying drink container which is handed in to a refund point. The *Planning (Container Refund Scheme) Amendment Regulation 2018* also introduced a relaxation of planning requirements in order that Container refund points could be established quickly.

There was no initial impact on Isaac Regional Council following the Scheme's introduction. Council did not participate in establishing drop off points and did not seek to become part of the refund or recycling processes. After some initial service delivery and capacity problems, the reliability of the Scheme improved during mid-2019, and it is now popular in the communities in the Isaac Region where drop off facilities have been established. This is evidenced by a sustained 20% drop in the monthly tonnage being collected in Council's yellow lid recycling bins. In May 2021 a new Refund Depot has been established in Moranbah by Return-It on behalf of Containers for Change.

Council at its Ordinary Meeting of 28 April 2021 considered an update report on the Container Refund Scheme and resolved *inter alia* to note and receive the updates (Resolution 7231 refers). At that time there were no significant impacts on Isaac Regional Council.

Containers for Change has established bag-drop points in Moranbah, Clermont, Dysart and Middlemount. Recently officers have become aware of complaints from residents and visitors to the region in the coastal areas about the lack of drop off facilities there. Local residents of Isaac coastal towns are required to take their containers to Sarina or Yeppoon to obtain a refund. Council's yellow-lid collections are not provided to

all addresses on the coast and traditional recycling points at Council's waste sites are limited, as well as unable to provide a refund.

Council officers consider that Council could assist these residents, at no cost to Council, by allowing Containers for Change to establish bag-drop points at each of Greenhill, Carmila and St Lawrence Waste Management Facilities. The drop points would consist of 2 m³ skips similar to those currently provided at the Moranbah Leagues Club and would not involve Council in any financial transaction or liability. The user would simply leave a bag(s) of containers in the skip with their Scheme ID number within the bag, with the refund being paid into their nominated bank account shortly after sorting and counting at the Containers for Change depot in Mackay or Rockhampton a few days later.

The contractor responsible for drop-off points on behalf of Container for Change, Return-It, has indicated informally that these drop-off points can be provided.

IMPLICATIONS

Financial

No direct financial implications from the establishment of the bag-drop points. There could be a very small impact from the reduction in the number of containers for which Council currently receives partial refund under the Materials Recycling Facility (MRF) Share Agreement, although many of the containers which will be dropped off are likely already being diverted from Council's collection scheme by residents taking them out of region to refund points at Sarina or Yeppoon.

Risk

There is a potential risk of creating an expectation that Council is responsible for refunding the deposits to the resident however the scheme has been in operation for some two (2) and a half years, and initial fears that community members would view Council as the responsible entity appear not to have eventuated. Containers for Change has established its own brand with extensive advertising campaigns. Council would also reinforce this message with contact details for Containers for Change on the drop points, and revised scripting for Front Line Officers. There is also a slight risk of mess being created however this is unlikely since access will only be available during site opening hours.

Service Delivery

There will be a positive impact on the community's experience since communities will now have local access to a service which currently involves travel outside the region. This should also provide a reputational gain for Council.

Legal

There would appear to be no legal impediment to Council assisting in this way. The sites are regulated as Waste Management facilities by the State Government under Environmental Authority EPPR00791913.

Performance

There is likely to be a further reduction in the volume of kerbside waste collected however many of the containers which will be dropped off are likely already being diverted from Council's collection scheme by residents taking them out of Region to refund points at Sarina or Yeppoon.

CONSULTATION

Director Water and Waste
Director Planning, Environment and Community Services
Manager Liveability and Sustainability
Manager Governance and Corporate Services
Waste Management Facility staff
Return-It

BASIS FOR RECOMMENDATION

Council has the opportunity to support the community with improved access to participate in the Container Refund Scheme.

ACTION ACCOUNTABILITY

Manager Waste Services will be responsible for ensuring that drop off points do not impact negatively on the amenity or reputation of Council's Waste Management Facilities.

KEY MESSAGES

Council has an opportunity to facilitate Isaac Coastal Communities to access the state government's Container Refund Scheme – *Containers for Change* – locally within the Isaac region at no cost.

Report prepared by:	Report authorised by:
KARL MURDOCH Manager Waste Services Date: 24 May 2021	GARY MURPHY Director Water and Waste Date: 24 May 2021

ATTACHMENTS

Nil

REFERENCE DOCUMENT

Nil

MEETING DETAILS

Water and Waste Standing Committee
Wednesday 9 June 2021

AUTHOR

Karl Murdoch

AUTHOR POSITION

Manager Waste Services

5.3

WASTE MANAGEMENT FACILITIES – PUBLIC HOLIDAYS

EXECUTIVE SUMMARY

This report provides Council with a review of the current policy on closing of Waste Management Facilities on public holidays and recommends no change to the current policy.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

- 1. Make no changes to the current closures to Waste Management Facilities during public holidays.***

BACKGROUND

Council at its Ordinary Meeting on 24 November 2015 resolved to:

- Endorse the opening of Resource Recovery Centres and Transfer Stations on Boxing Day if it falls on a weekend.
- Endorse the opening of Resource Recovery Centres and Transfer Stations on Easter Saturday.
- Endorse the closing of Resource Recovery Centres and Transfer Stations on all other public holidays.
- Endorse the opening of the Greenhill and Carmila Transfer Stations on a Tuesday and/or on Thursday for a minimum of four hours on those occasions following the facilities being closed on a Monday and/or a Friday public holiday respectively.

Officers had carried out a review of site opening hours (attachment 1) and had made recommendations to continue to close all waste management facilities on all public holidays in order to minimise costs but also to change rosters to ensure that all sites are open during part of a long weekend, and also to ensure that smaller sites which are normally closed on Tuesdays are open on those days following public holiday closures on Mondays.

Since then there have been other minor changes to opening hours (for example Carmila and Greenhill are both now open on Saturdays) which have enhanced service levels. The November 2015 report stated that officers would review the operating hours during holiday periods. The practice of remaining open on Saturdays (for example Easter Saturday or 26 December falling on a Saturday) is now well established and officers have received no complaints regarding site opening hours during public holidays.

Council's Waste Management Strategy 2020 – 2025 includes an action point 3.6: Rationalise the opening hours at Middelmount, Glenden, Nebo, Carmila and Greenhill Transfer Stations, subject to community consultation; and rationalise the opening hours at Dysart, Glenden and Clermont Landfills, subject to

community consultation. This action is scheduled for 2022 and officers will provide a report which will address all of the relevant issues including equality, costs, ease of providing staffing, minimising travel, site transaction and tonnage data, and impact from public holidays.

An opportunity exists however for Council to request further changes to the current policy for public holiday closures.

IMPLICATIONS

Financial

No financial implications.

Service Levels

No changes proposed to service levels in this report.

Risk

No risks arising from this report.

CONSULTATION

Director Water and Waste

Manager Waste Services

BASIS FOR RECOMMENDATION

The current arrangements are working well, and officers do not recommend any changes at this stage.

ACTION ACCOUNTABILITY

Manager Waste Services to report back on rationalisation of Waste Management Facility opening hours in 2022.

KEY MESSAGES

Council Waste Management Facilities will continue to close on public holidays

Report prepared by:	Report authorised by:
KARL MURDOCH	GARY MURPHY
Manager Waste Services	Director Water and Waste
Date: 24 May 2021	Date: 24 May 2021

ATTACHMENTS

- Attachment 1 – Report on Resource Recovery Centre Opening Hours – Public Holiday Periods – 24 Nov 2015

REFERENCE DOCUMENT

Nil

MEETING DETAILS: Ordinary Meeting, Tuesday 24 November 2015
LOCATION: Division All
CLASSIFICATION: Open
AUTHOR: Jarrod Bryant - Manager Landcare, Open Space and Resource Recovery

10.3.3 Resource Recovery Centre Opening Hours – Public Holiday Periods

EXECUTIVE SUMMARY

The report provides a review of opening hours at Council's Resource Recovery Centre's and Transfer Stations over the Boxing Day and Easter Saturday periods. The report also reviews the impact of opening hours before and after a public holiday at Council's part-time facilities at Greenhill and Carmila.

OFFICER'S RECOMMENDATION

That Council:

- Endorse the opening of Resource Recovery Centres and Transfer Stations on Boxing Day if it falls on a weekend.***
- Endorse the opening of Resource Recovery Centres and Transfer Stations on Easter Saturday.***
- Endorse the closing of Resource Recovery Centres and Transfer Stations on all other public holidays.***
- ***Endorse the opening of the Greenhill and Carmila Transfer Stations on a Tuesday and/or on a Thursday for a minimum of four hours on those occasions following the facilities being closed on a Monday and/or a Friday public holiday respectively.***

BUDGET & RESOURCE IMPLICATIONS

Under Council's Enterprise Bargaining Agreement public holidays are defined as the following:

- 1st January
- 26th January
- Good Friday
- Easter Saturday (the day after Good Friday)
- Easter Monday
- The 25th April (ANZAC Day)
- The Birthday of the Sovereign
- Christmas Day
- Boxing Day
- Any day appointed under the Holidays Act 1983, to be kept in place of any such holiday

Public holidays incur penalty rates of double time and a half with a minimum of 4 hours to be worked.

Council will incur an additional (\$24.38 x 2.5) \$60.95 per hour of overtime wages per staff member as a result of the proposal on public holidays in order to maintain the operation of the various facilities on those impacted days.

By being proactive and opening on the Boxing Day and Easter Saturday public holidays, and on the Tuesday if Monday is a public holiday will assist with the peak holiday influx of tourists for the management of illegal dumping of rubbish. It should be noted that on the rare occasion

when Christmas Day falls on a Sunday (as is the case in 2016) which results in both the Monday and Tuesday being public holiday's a specific opening schedule will be formulated for the facilities to ensure that there is not an extended closure period at any location.

Site entry signage will be modified to indicate closure on public holidays. The modification of the signage is expected to cost no more than \$1000 and will be funded through the operational budget for each site.

BACKGROUND

Traditionally all Resource Recovery Centres and Transfer Stations operated on public holidays with the exception of Anzac Day, Christmas Day and Good Friday. In the recent past Council management instigated that our essential services close on all public holidays regardless of function.

Though the above move assisted Resource Recovery officers in having days off and assisted in reducing the operational expenditure of penalty time for working public holidays, it has caused complaints from the general public and the commercial operators wishing to access the landfill or transfer stations, in particular over the Easter long weekend and Christmas period.

Commercial waste users indicated closing the landfills on Easter Saturday and Boxing Day as well as on the other adjoining public holidays caused collection and disposal issues with their day to day contracts within the region. Depending on the site location opening hours schedule the impact of multiple Public Holiday closure days can result in sites being closed for as long as three days in a row, thus impacting on both private and commercial disposal requirements.

Numerous complaints have been received from residents and commercial operators alike across the various site locations regarding the current closing periods which has prompted this report. In order to provide the right balance between the delivery of an essential service such as waste management and the need to control expenditure it is recommended that a level of flexibility be implemented. This will allow Council officers to review the operating hours during public holiday periods to ensure that the sites are not closed for extended periods which will impact on waste disposal requirements. As an example: Middlemount Resource Recovery Centre has a system in place whereby if it is closed on a Monday it will open on the Tuesday between 1pm to 5pm.

It should be noted that the Greenhill and Carmila Transfer Stations are normally closed on a Tuesday and a Thursday as part of their operating schedule. The proposal to amend the opening hours during public holiday periods ensures that the sites not be closed for an extended period as demonstrated in the below tables, and will assist with the peak holiday influx of tourists for the management of illegal dumping of rubbish.

Example of Greenhill and Carmila Transfer Station – Current and Proposed opening hours:

Current Status	23/12/15	24/12/15	25/12/15	26/12/15	27/12/15	28/12/15	29/12/15	30/12/15	31/12/15	1/01/16
	Wed	Thurs	Fri	Sat	Sun	Mon	Tues	Wed	Thurs	Fri
Greenhill Transfer Station	Open	Closed	Closed	Closed	Open	Closed	Closed	Open	Closed	Closed
Carmila Transfer Station	Open	Closed	Closed	Closed	Open	Closed	Closed	Open	Closed	Closed

Proposed Status	23/12/15	24/12/15	25/12/15	26/12/15	27/12/15	28/12/15	29/12/15	30/12/15	31/12/15	1/01/16
Greenhill Transfer Station	Wed Open	Thurs Open	Fri Closed	Sat Open	Sun Open	Mon Closed	Tues Open	Wed Open	Thurs Open	Fri Closed
Carmila Transfer Station	Open	Open	Closed	Open	Open	Closed	Open	Open	Open	Closed

LINK TO COMMUNITY PLAN

Our Essential Services

LINK TO CORPORATE PLAN

Theme 1: Our Community

To advocate on liveability, lifestyle, planning and to achieve our community vision and enhance the reputation of IRC as a strong, influencer of policy, legislation and regulation that impact us.

Theme 3: Our Business

To plan and execute our day to day operations to an outstanding level of efficiency, with continuous improvement always in mind.

Theme 4: Our essential services

4.1 Providing, maintaining, restoring and replacing infrastructure to deliver quality core services

Theme 5: Our governance, finance and leadership

5.3 Developing transparent and integrated frameworks to deliver quality customer service

LINK TO OPERATIONAL PLAN

Engineering & Infrastructure Services – Resource Recovery – Waste processing, adherence to environmental license conditions, material reuse and waste reduction.

CONSULTATION (Internal/External)

- Manager Landcare and Resource Recovery
- Co-Coordinator Resource Recovery

LEGAL CONSIDERATIONS

No legal considerations are envisaged.

POLICY IMPLICATIONS

No policy implications are envisaged.

RISK ASSESSMENT

No risk is envisaged.

Report Prepared by: JARROD BRYANT Manager Landcare, Open Space and Resource Recovery Date: 4 November 2015	Report Authorised by: BRIAN ASHCROFT Director Engineering and Infrastructure Services
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ATTACHMENTS

- IRC EBA section.pdf

REFERENCE DOCUMENT

- Insert the correspondents name and document number.

MEETING DETAILS

Water and Waste Standing Committee
Wednesday 9 June 2021

AUTHOR

Lisa Tonkin

AUTHOR POSITION

Manager Business Services

5.4 WATER AND SEWERAGE UTILITY CHARGES – GUIDING PRINCIPLES

EXECUTIVE SUMMARY

The purpose of this report is to confirm the Guiding Principles which will be used as the basis for upcoming Water and Sewerage Utility Charge reviews and amendments. Council's previous consideration applied the Guiding Principles to Sewerage only.

OFFICER'S RECOMMENDATION

That the Committee recommends to Council to:

1. **Endorse eight (8) Guiding Principles as the basis to underpin upcoming Water and Sewerage Utility Charge reviews.**

BACKGROUND

In accordance with Sections 92 and 94(1)(b) of the *Local Government Act 2009*, Isaac Regional Council (Council) makes and levies water and sewerage utility charges on each property, both vacant and occupied, that Council has or is able to provide with water and sewerage services.

As per the current Water and Waste Annual Performance Plan and the Isaac Regional Council Annual Operational Plan, it was resolved for the Water and Waste Directorate to review and present findings and recommendations for these charges on the premise of developing Five (5) Year Price Paths for both Water and Sewerage Utility Charges in line with the Long Term Financial Forecast.

In order to ensure the focus of any upcoming review is completed in line with Council's goals and direction, eight (8) Guiding Principles have been developed. These Guiding Principles were endorsed in January 2021 specifically for Sewerage Utility Charges and the purpose of this report is to ensure they are consistently applied to both Water and Sewerage Utility Charges considerations and reviews.

Following a review of customer feedback, it was apparent that community concerns relate to the disparity of charging amounts and methodologies across each locality and a desire for consistency. This feedback has been incorporated and is considered the primary guiding principle to be considered during any upcoming review.

The eight (8) Guiding Principles to be applied are as follows:

- Standardise charges across all towns and categories.
- Consistent categories and rationale for all towns.
- Avoid price shock.

- Remove immaterial charges.
- Ensure any new system is easy to understand.
- Maintain overall yield.
- A manageable transition plan which may include concessions.
- A contemporary approach in line with industry best practice.



IMPLICATIONS

By establishing a set of Guiding Principles, Council is ensuring that time and resources spent analysing and reviewing our current practices, is efficiently managed and directed appropriately.

CONSULTATION

Manager Financial Services

Director Water and Waste

BASIS FOR RECOMMENDATION

A review of water and sewerage charging methodologies was requested in the current Water and Waste Annual Performance Plan and Isaac Regional Council Annual Operational Plan. To ensure any review is undertaken effectively, it is requested that the above eight (8) Guiding Principles be confirmed.

ACTION ACCOUNTABILITY

Manager Business Services and Director Water and Waste to coordinate actions which arise from this report in consultation with the Manager Financial Services and Director Corporate Governance and Financial Services.

KEY MESSAGES

Following community feedback, Isaac Regional Council is undertaking a review of Water and Sewerage Utility Charges to ensure their current methods are cost effective, equitable and fair.

WATER AND WASTE

Report prepared by:

LISA TONKIN
Manager Business Services

Date: 21 May 2021

Report authorised by:

GARY MURPHY
Director Water and Waste

Date: 24 May 2021

ATTACHMENTS

Nil

REFERENCE DOCUMENT

- Council Resolution 7084 – Sewerage Utility Charges, carried 27 January 2021

MEETING DETAILS

Water and Waste Standing Committee
Wednesday 9 June 2021

AUTHOR

Gary Murphy

AUTHOR POSITION

Director Water and Waste

6.1

WATER AND WASTE INFORMATION BULLETIN – JUNE 2021

EXECUTIVE SUMMARY

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

OFFICER'S RECOMMENDATION

That the Committee:

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

BACKGROUND

The attached Information Bulletin for June 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.

Report prepared by:

GARY MURPHY
Director Water and Waste

Date: 2 June 2021

Report authorised by:

JEFF STEWART-HARRIS
Chief Executive Officer

Date: 3 June 2021

ATTACHMENTS

- Attachment 1 – Water and Waste Information Bulletin – June 2021

REFERENCE DOCUMENT

Nil

DATE: June 2021

WATER AND WASTE

DIRECTORATE HIGHLIGHTS

- The W&W Leadership Team held the second and third of four Introduction Roadshow Presentations (Cultural Leadership) sessions with W&W employees in Clermont Thursday 6 May 2021, and Moranbah 20 May 2021. One remaining in Middlesbrough late June which has been rescheduled around the Certified Agreement Roadshow.
- Director visit to Brisbane on Wednesday 26 May 2021 to continue negotiations and progress Anglo American Water Supply Agreements for Middlesbrough and Moranbah.
- Irrigation Management Plan (IMP) and Receiving Environment Management Program (REMP) submitted to Department of Environment and Science (DES) in accordance with Action 1.4 of the Transitional Environmental Program (TEP) for Nebo Wastewater Treatment Plant. Council also authorised the funding to progress the irrigation system at the WWTP and collect/divert the concentrated brine at the WTP.
- Ongoing relationship development with Resource Sector for water supply into Moranbah and donation of water by Dyno Nobel

Emerging Risks

- Water & Waste are required to develop a sewage overflow abatement plan to meet conditions of the Environmental Authority in relation to Clermont Pump Station Sewerage Overflow, notified to Department of Environment and Science (DES) 17 March 2021. This work is currently subject to an RFQ. A review of existing documentation by DES has revealed several areas of non compliance. There remains an unresolved overflow from a Dysart Pump Station that may lead to a more formal direction of infringement.
- St Lawrence water supply has had high levels of trihalomethanes and also manganese levels that can create water discolouration. PAC dosing has been installed and is in use and increase of oxidation using potassium permanganate with increased monitoring should resolve these issues.

BUSINESS SERVICES

PREVIOUS MONTH'S ACHIEVEMENTS:

- IRC received a generous donation of 50ML of raw water from Dyno Nobel Moranbah. This substantial donation will save the Water Fund approximately \$133,000 in raw water costs which they would have otherwise had to purchase on the open market at commercial rates.
- The Coastal waste sites have been the focus of the IMS over the past month. IMS Internal Audits have been conducted at St Lawrence, Carmila and Greenhill with all sites showing a strong interest in supporting continual improvement.

- The Manager Business Services attended the IRC Clermont Show Stall to assist with water and wastewater related enquiries and provided residents with updated copies of the Clermont Water Quality Response Plan.
- As a result of customer feedback, a MiWater software development was completed for tenants or agents wishing to register properties in MiWater to be notified if the owner was not registered and of their requirement to contact the property owner.

PREVIOUS MONTH'S ISSUES:

Not applicable.

FINANCIAL REPORT:

Thanks to the Dyno Nobel donation, Raw Water costs are projected to be \$110k-\$190k under budget this financial year, unfortunately however, water sales revenue from Truck Fill Points/Standpipes is projected to be \$200k less than 19/20.

DEVIATION FROM BUDGET AND POLICY:

Nil.

OPERATONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

PROJECT TITLE	COMMENTS
Meter Reading Strategic Plan – Addressing MiWater data issues	The Business Services team in conjunction with the Plumbing team have been working hard to address legacy issues and problematic taggles in preparation for the upcoming meter reads. This month, our Business Services Officer spent a day in the field assisting our Dysart Plumber by completing documentation and system updates for each taggle replacement. 22 taggles were replaced in Dysart on that day, including 6 taggles in quarantine. Due to the success of this venture, a further day in Dysart is scheduled in June 2021.

NEXT MONTH'S PROGRAM:

- Recruitment of Customer Administration Officer role following resignation received this month.
- Preparation for upcoming meter reads which commence Wednesday 16 June 2021.
- Finalisation of the Water and Waste 21/22 Annual Performance Plan, Annual Operational Plan, Budget and Revenue Statement.

DEVELOPING INITIATIVES / ISSUES:

Water Restrictions

CURRENT & PROJECTED	LEVEL 1		LEVEL 2		LEVEL 3	
Location	Start Date	End Date	Start Date	End Date	Start Date	End Date
Middlemount	16/03/2019	18/11/2019	18/11/2019	10/01/2021	11/01/2021	

Standpipe Exemptions for use during Water Restrictions

APPROVED EXEMPTIONS	TYPE	AVERAGE WEEKLY REPORTED CONSUMPTION	REPORTED USAGE
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External Consumer Middlemount	Domestic Human Consumption	1260KL	Providing to mine sites.
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WATER & WASTEWATER

PREVIOUS MONTH'S ACHIEVEMENTS:

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 – • < 70 per 1000 connections / year Total Water connection in IRC = 8479 Allowable target 20/21 – 593	56	341 (below target)
15	Provision of safe and reliable water supply services – monitor performance and take remedial action where required	Water main breaks – • < 40 per 100 km / year Total Length of water main at IRC = 245 km Allowable target 20/21 – 98	17	196 (above target)
15	Provision of safe and reliable water supply services – monitor performance and take remedial action where required	Water quality complaints – • < 20 per 1000 connections / year Total Water connection in IRC = 8479 Allowable target 20/21 – 170	0	20 (below target)
15	Provision of effective sewerage transport and treatment services – undertake / investigate – system condition and functionality, monitor performance and undertake remedial action where required	Wastewater Mains breaks and chokes – • < 40 per 100 km / year Total Length of wastewater main at IRC = 202 km Allowable target 20/21 – 81	0	39 (below target)
15	Provision of effective sewerage transport and treatment services – undertake / investigate – system condition and	Wastewater complaints – Overflow on property and odour	0	39 (below target)

	functionality, monitor performance and undertake remedial action where required	<ul style="list-style-type: none"> • < 15 per 1000 connections / year Total Wastewater connection in IRC = 7879 Allowable target 20/21 – 118		
I5	Provision of safe and reliable water supply and effective sewerage transport and treatment services	Total Water and Sewer Complaints (any nature) – <ul style="list-style-type: none"> • < 100 per 1000 connections / year Total Water connection in IRC = 8479 Allowable target 20/21 – 848	17	209 (below target)

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.

Glenden

Raw water for Glenden is provided from the Bowen River which can be refilled from Gattonvale off-stream storage and Eungella Dam.

- Newlands Coal Mine (Xstrata) **N/A**
- Bowen River Weir **12%**

No Water Restrictions

Nebo

Nebo's raw water is supplied through six bores. The new water treatment plant and reservoir as part of the Nebo Water Supply Project have 2ML storage on site.

- See graph below for water levels in Bore 2.

No Water Restrictions

Carmila

Raw water is supplied from two shallow bores located near the Carmila Ck approx 1km from the WTP.

- Water is flowing over the weir near the bore.

No Water Restrictions

Moranbah

Moranbah's raw water is supplied from two sources:

- Burdekin Dam through the Burdekin to Moranbah pipeline **100%**
- Eungella Dam through either BMA or SunWater's pipelines **83%**

Water used to date:	2019-2020	2020-2021
BMA:	1824 ML	1821ML
Dyno:	50 ML	50 ML
Stanmore:	467.8 ML	450 ML
Sunwater:	251.5 ML	180 ML
Pembroke:	94.4 ML	

No Water Restrictions

St Lawrence

St Lawrence's raw water is supplied through high lift pumps from the St Lawrence Creek approximately 500m upstream from the creek weir.

- **55 cm** below weir level

No Water Restrictions

Clermont

Clermont's raw water is supplied from Theresa Creek Dam

- **33 cm below overflow level**

No Water Restrictions

Dysart

Dysart's raw water is supplied from Bingegang Weir in the Mackenzie River which can be re-filled from Fairbairn Dam, through Bedford Weir.

- Bingegang Weir **81%**

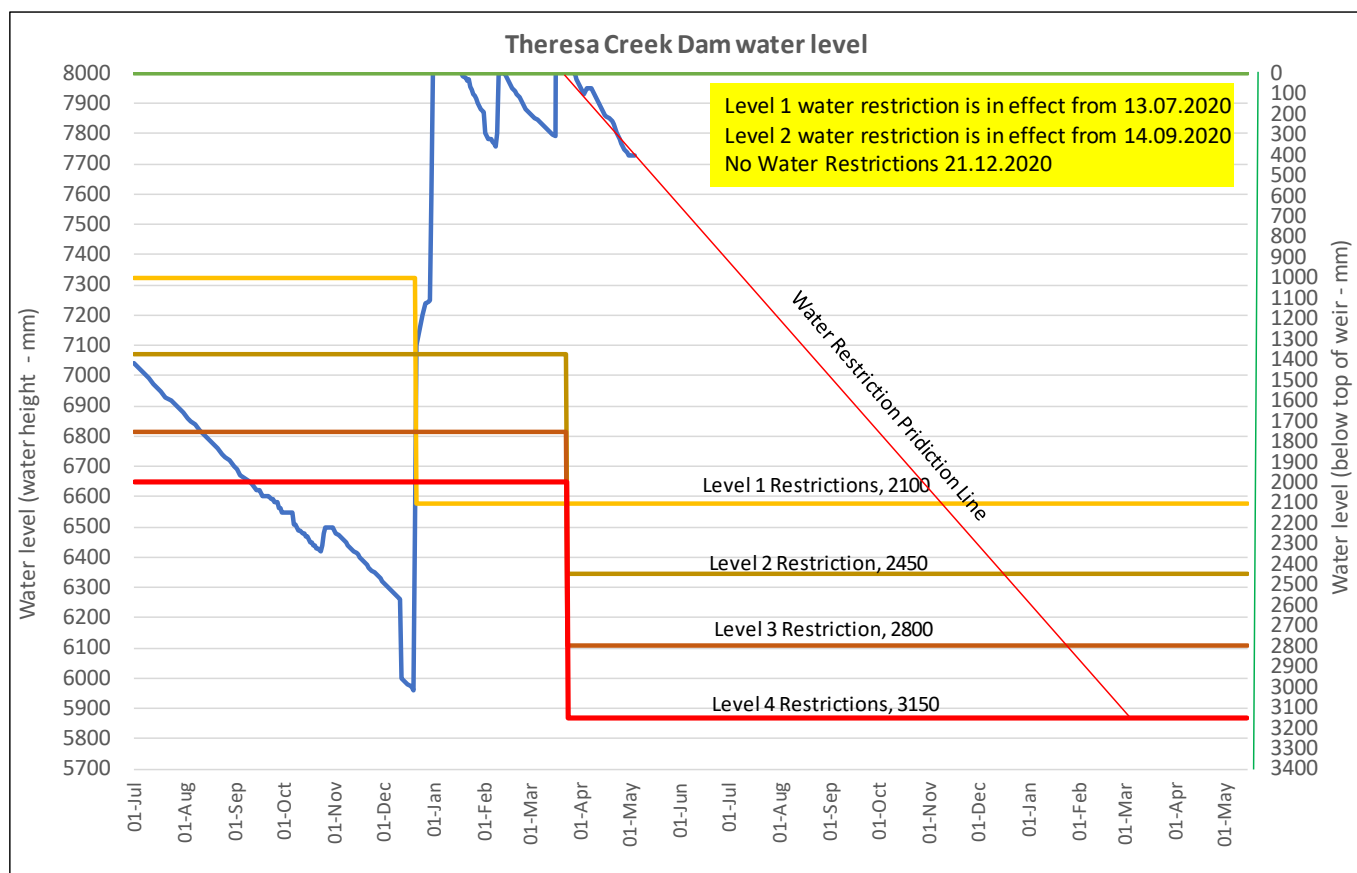
No Water Restrictions

Middlemount

Middlemount's raw water is supplied from the Bingegang Weir on the Mackenzie River approximately 60km away. The weir is can be re-filled from Fairbairn Dam through Bedford Weir.

- Bingegang Weir **81%**
- Fairbairn Dam **18%**
- Bedford Weir **95%**

Level 3 Water Restrictions



Actual water level readings

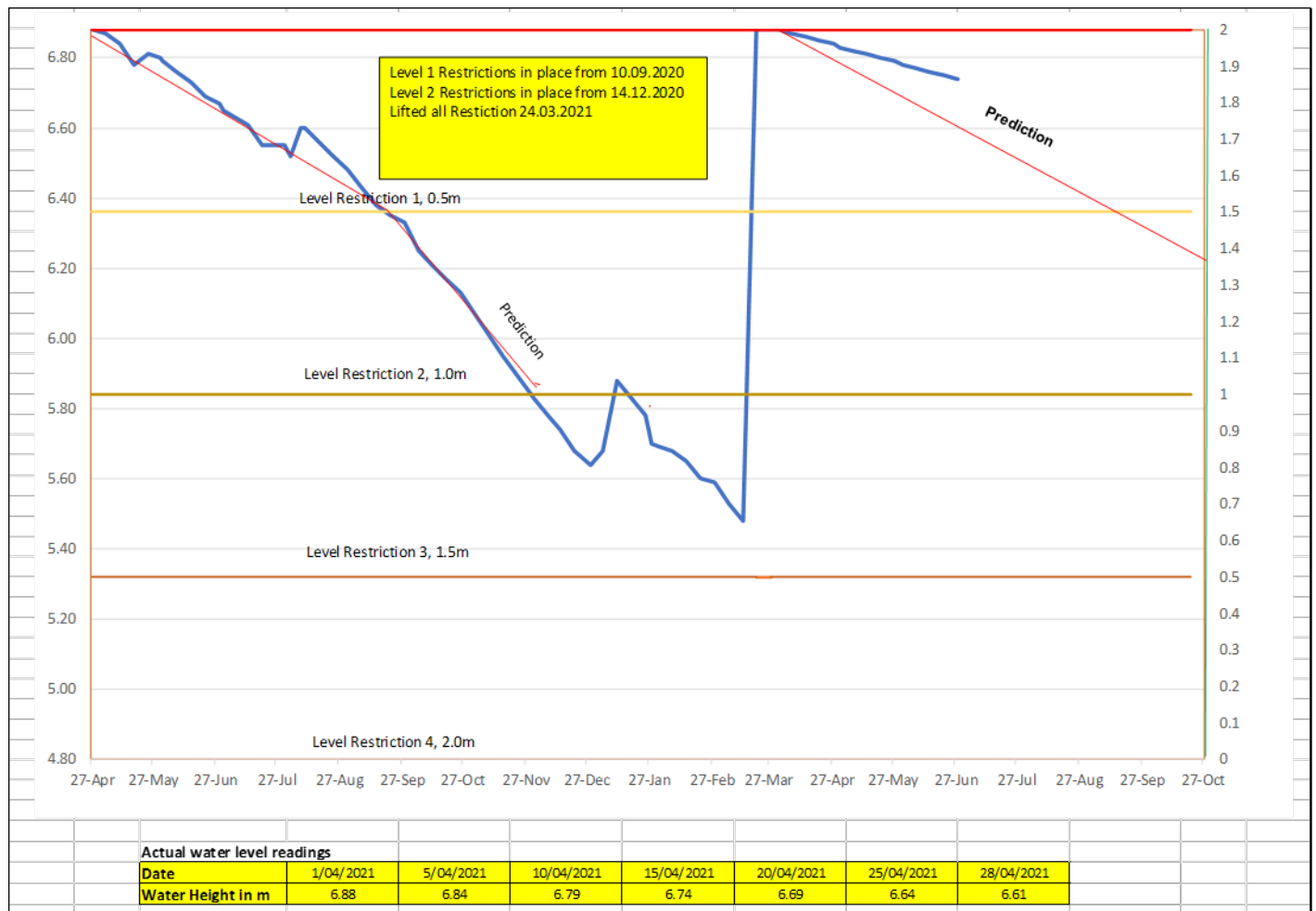
Date	1/05/2021	4/05/2021	8/05/2021	12/05/2021	16/05/2021	20/05/2021	24/05/2021	28/05/2021
Water Height in mm	7730	7735	7710	7705	7700	7690	7680	7670

Note: No rainfall recorded at Theresa Creek Dam during May.



Theresa Creek Dam Wall 30 May 2021

INFORMATION BULLETIN



Note: No rainfall recorded at St Lawrence township during May.

St Lawrence Creek

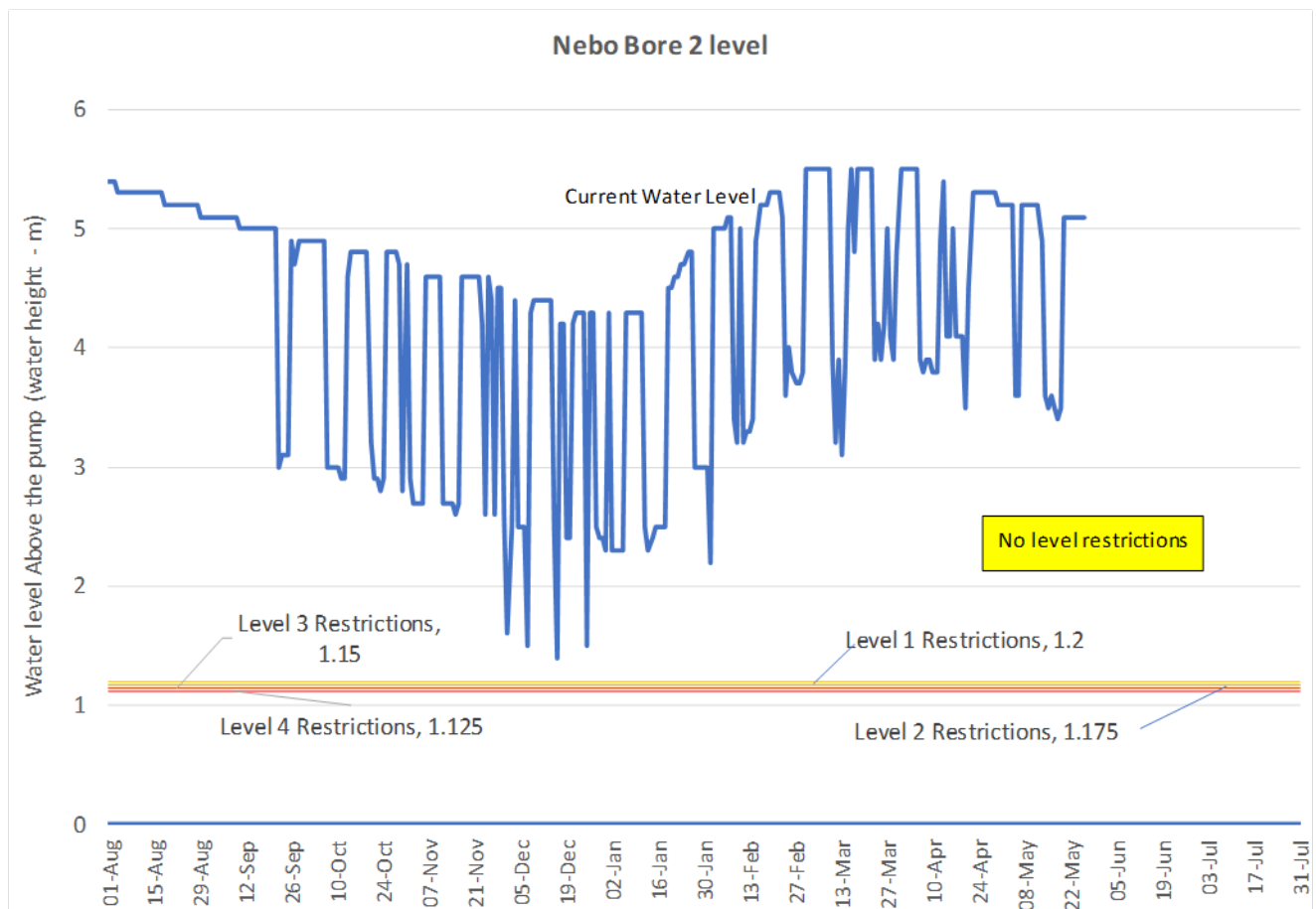


St Lawrence Weir as of 28 May 2021



Carmila Raw Water Creek photo from bore pumps as of 28 May 2021. Creek is flowing.

Note: Camila has not received rain during May 2021.



Actual water level readings

Date	1/05/2021	4/05/2021	8/05/2021	12/05/2021	16/05/2021	20/05/2021	24/05/2021	28/05/2021
Water Height	5.2	5.2	5.2	5.2	3.6	5.1	5.1	5.1

Note: Nebo has not received rain during May 2021.

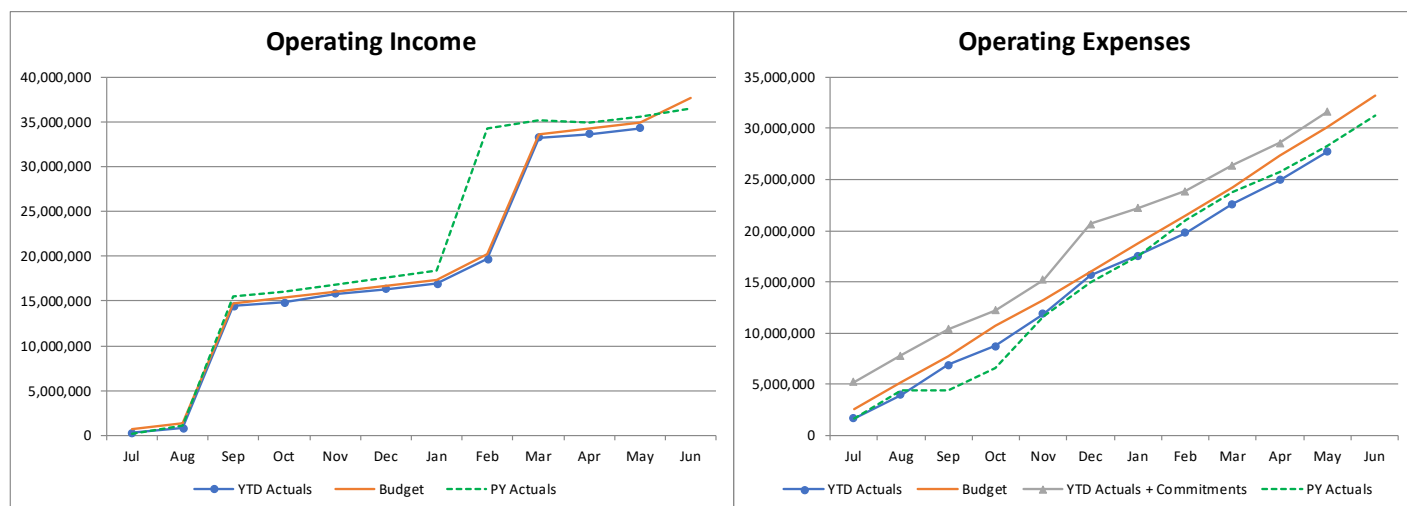
Compliance

The table below contains current statutory undertakings across all assets.

	TARGET DATE FOR COMPLETION	COMMENTS
Nebo WWTP TEP	Completion of the TEP is as per the notification provided by DES.	All timelines being met to date however variation to the TEP will be sought for some aspects
Dysart ESD and WWTP EU	Site visit organised for 22 and 23 June for DES inspection of completed works for the EU and also the Dysart Landfill site.	Report completed and provided to DES on the 11 May 2021. Awaiting DES letter to close out.
Sewer Overflow at Dysart	DES have asked IRC to respond to 16 April 2021 email breach of condition 5-	A response has been supplied by the specified date. A response from DES is yet to be received. May result in enforcement action.

	L1 of EA EPR00791913 in relation to unauthorised release of raw sewage which overflowed at the Dysart Pumping Station 1, by 7 May 2021.	
RFQ for SPS and IEMS	Works to be awarded after 4 June 2021. Works to be completed by October 2021.	This RFQ is required as a result of a request by DES to provide compliant documents and strategies by October 21. This work is to provide an Integrated Environmental Management System (IEMS) and also Sewerage Pumping Station Environmental Management Plans (EMP) so that IRC meet the compliance of ERA 63 – 2.

FINANCIAL REPORT:



DEVIATION FROM BUDGET AND POLICY:

Not applicable.

OPERATIONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

NEXT MONTH'S PROGRAM:

Scheduled to Commence During Next Month

PROJECT NAME/ DESCRIPTION	SCHEDULED END DATE	COMMENTS/EXCEPTIONS
Nebo Aquifer water allocation increase	TBA	Draft report is being completed with first draft expected by the end of June.
WTP Site Based Management Plans	May 2021	Documents almost finalised and then to progress to approval process.
WWTP Site Based Management Plans	June 2021	Document review underway and is in process beginning with Clermont WWTP.
Waste Site Based Management Plans	December 2021	Next for review after the WWTP site-based management plans are completed.

DEVELOPING INITIATIVES / ISSUES:

- Review of DES response to Dysart Overflow Report.

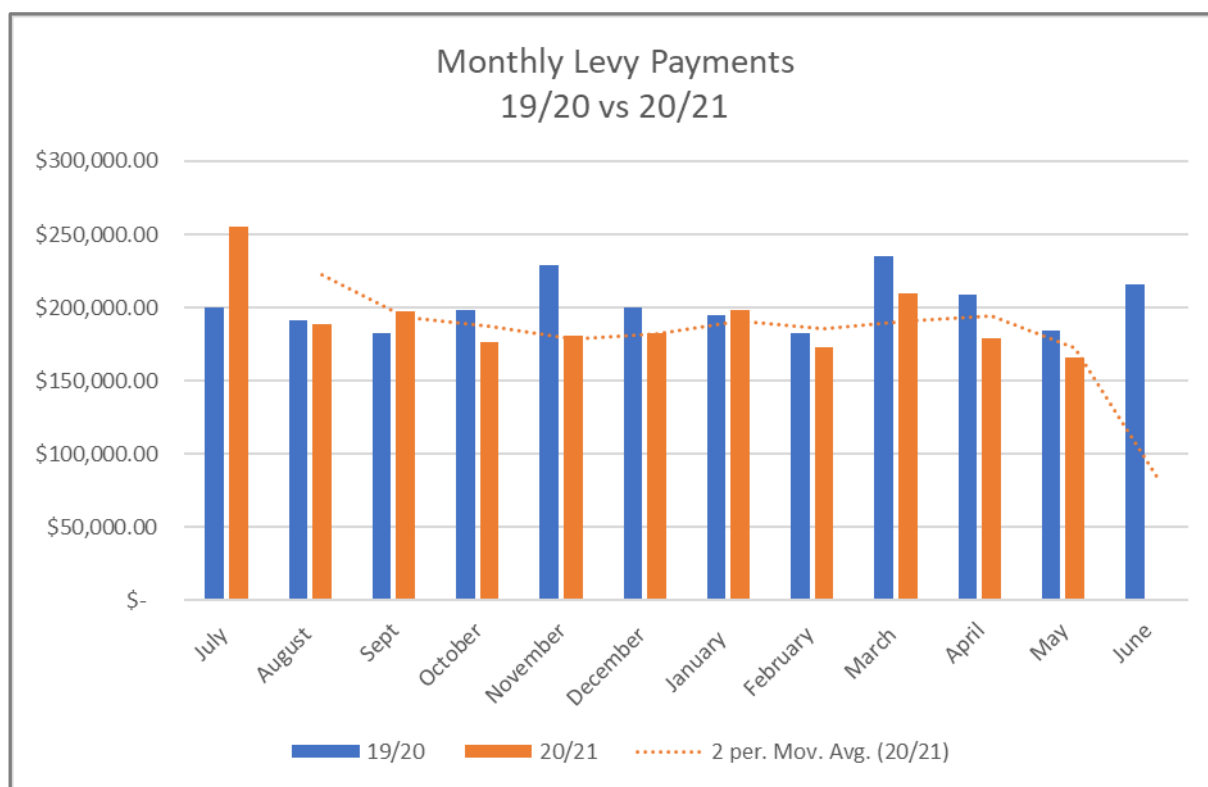
- Increasing concern that existing plans and strategies do not meet legislative requirements and require updating.

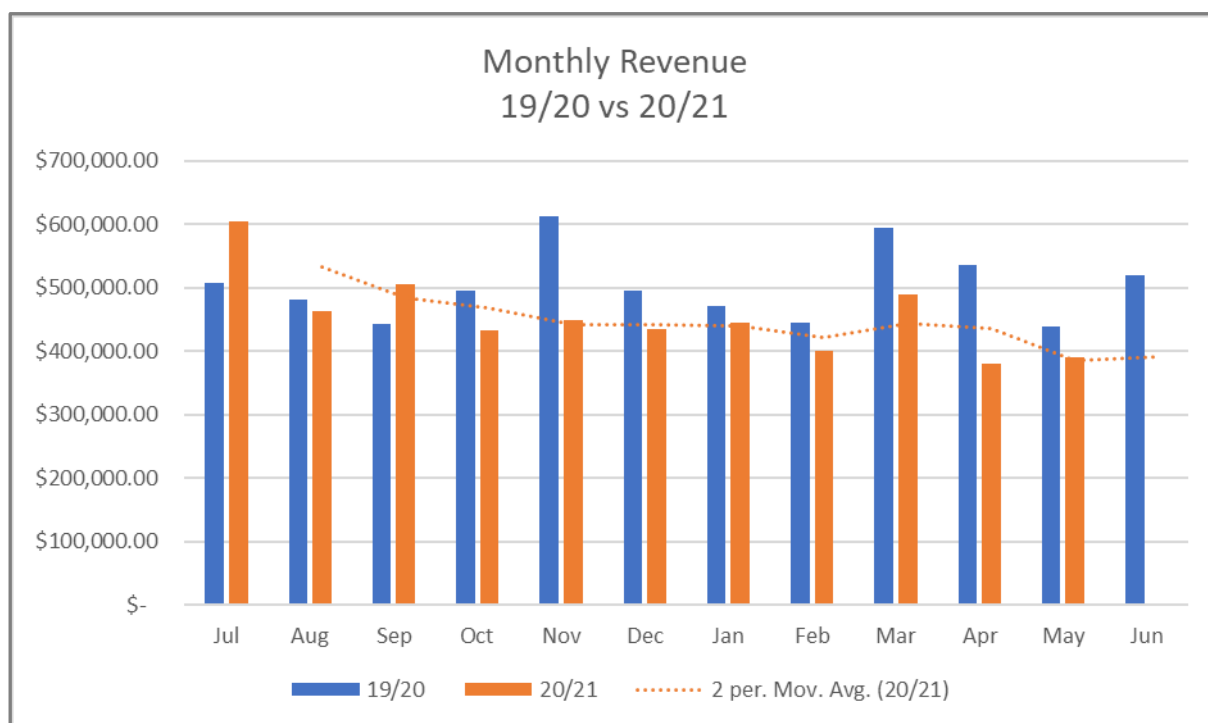
WASTE SERVICES

PREVIOUS MONTH'S ACHIEVEMENTS:

Waste Tonnage and Waste Levy

The following diagrams show comparisons of the waste levy paid in 2020-21 compared to 2019-20, and waste facility revenue received in 2019-20 and 2020-21. There has been a significant decrease in both during 2020-21, despite the \$5 per tonne increase in waste levy from January 2021. Officers are forecasting an annual landfilled tonnage of just over 30,000 tonnes for 2020-21, down from 32,000 tonnes in 2019-20.





Waste Diversion

As previously reported, the target to divert 25% of waste from landfill remains difficult to achieve. Although monthly performance has been averaging out at about 25% since January 2021, the cumulative percentage in the year to date is only 20%, as shown in the following diagram.

Running average at end of Month		Cumulative – Year to Date		
Monthly % Diverted overall		Feb	March	April
July	15%	19%	20%	20%
August	17%			
September	19%			
October	17%			
November	18%			
December	16%			
January	29%			
February	23%	20%	20%	20%
March	25%			
April	22%			

Officers believe a number of factors are contributing to this:

- Large spikes in commercial waste production eg July 2020, March 2021
- Low participation in kerbside recycling (average 45%, compared to 70% for red top collection service)
- High participation in self-haul drop off (57,200 transactions per year compared to anticipated 26,250 – see diagram)



Source: Mandalay Technologies 2020 Resident Waste Insights

- Lower than expected amounts in yellow top bins (6Kg average collected from a yellow-top bin, which equals about 13% to 15% of kerbside waste when >30% is recyclable)
- Part-time and itinerant populations
- Impact from CRS scheme
- Low cost / convenience of “easy” option

Amnesty Days

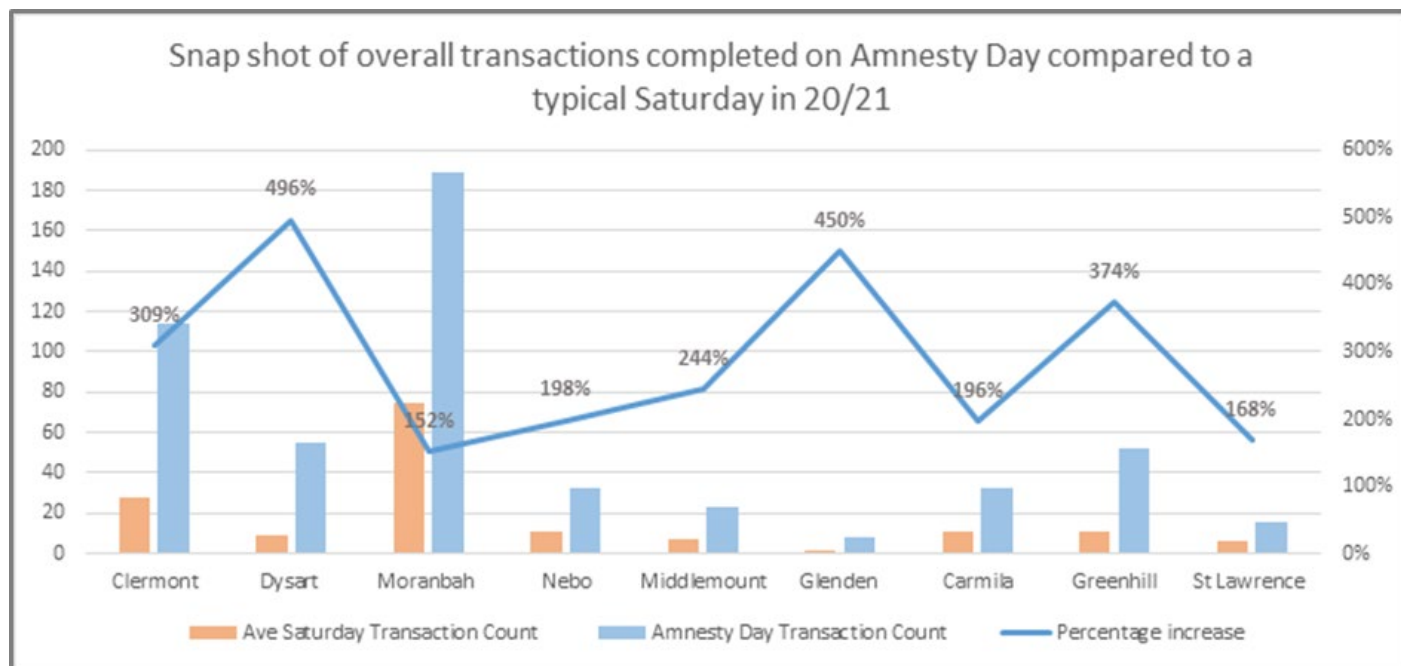
Amnesty Days were carried out on Saturdays across the region. Advertised as “Dump Days” these proved to be popular with residents, as can be seen from the following graph. A full report will be provided in July as part of an update to the Illegal Dumping Pilot Program.

Average Saturday Transactions - Domestic Self haul

Facility	Ave Saturday Transaction Count	Amnesty Day Transaction Count	Percentage Increase
Clermont	28	114	309%
Dysart	9	55	496%
Moranbah	75	189	152%
Nebo	11	32	198%
Middlemount	7	23	244%

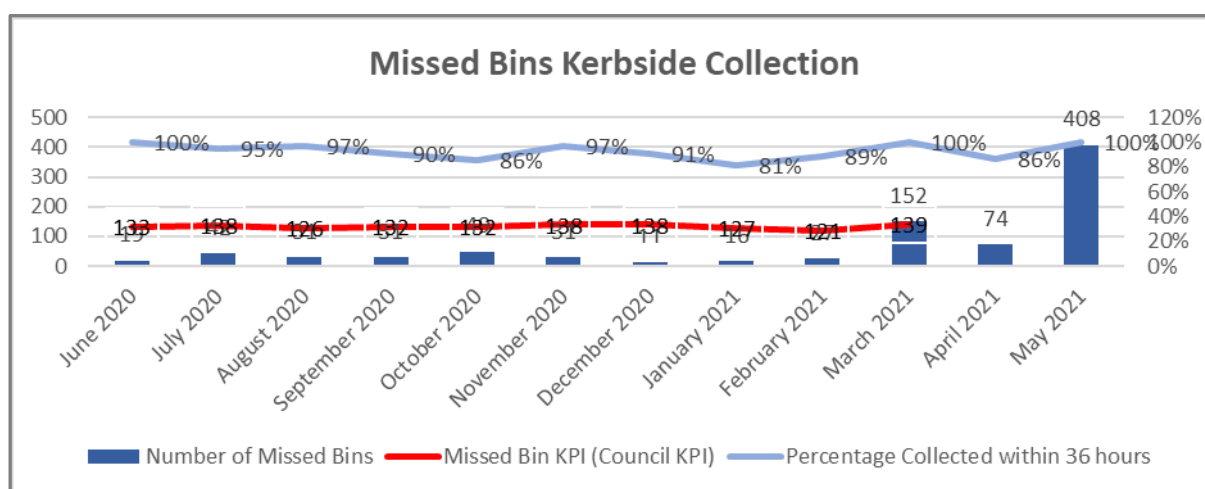
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Glenden	1	8	450%
Carmila	11	32	196%
Greenhill	11	52	374%
St Lawrence	6	16	168%
Total	159	521	228%



Waste Collection

Kerbside Waste Collection. Performance by the contractor suffered a drop in May. This was mainly due to contractor staffing problems. High number of missed bins but 100% were rectified with the 36 hour rectification period.



LAWMAC

Attendance at May meeting in Cairns by Manager Waste Services. Discussion on new LAWMAC structure as reported in May Committee and Council. More detail will be made available following the August

LAWMAC meeting in Barcaldine. Informal approach has been made for Isaac Regional Council to host the LAWMAC meeting in February 2022.

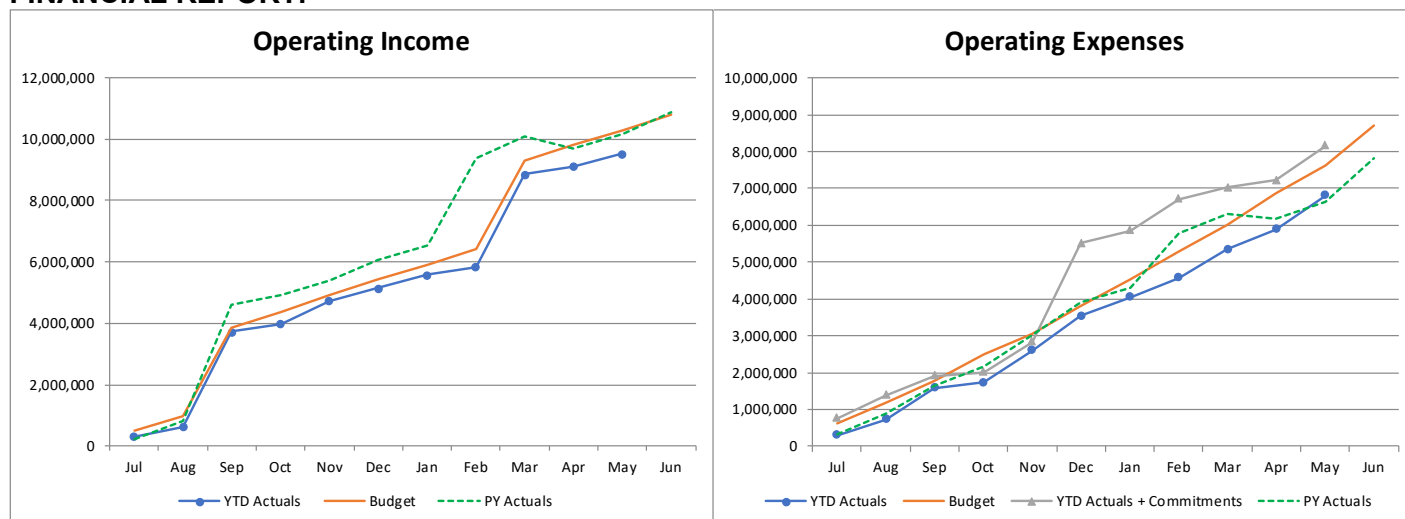
Compliment



PREVIOUS MONTH'S ISSUES:

Not applicable.

FINANCIAL REPORT:



DEVIATION FROM BUDGET:

Not applicable.

OPERATIONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

Waste & Recycling Contract						
	Number of missed services	Collection of Missed Service		Bin Repair / Replacements		
KPI	<10/5000 Services = less than 120 missed services for the month	No of missed bins collected within 36 hours	90% within 36 hours of contractor being notified	No of requests	No of requests completed within 5 working days	90% within 5 working days of request
May	408	408	100%	9	7	78%

* Waste and Recycling contract data correct at 28 May (4 weeks)

Waste and Recycling Performance						
	Tonnes to Landfill (leviable)	Tonnes to RRA	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
KPI	N/A	N/A	N/A	N/A	>25%	
May	2141	545	55	325	22% (April)	9157 = 45%

Compliance						
	Compliance with Environmental Authority (EA)	Notice of scheduled site closures	Customer complaints non-price related	Nuisance complaints (odour/litter)		No of Transactions
KPI	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
May		2 notices out with >7 days notice	0	1	6642 (63% Domestic) 12% higher than April 2021 (5863 transactions) 3% higher than May 2020 (6451 transactions)	

NEXT MONTH'S PROGRAM:

Scheduled to Commence During Next Month

NEXT MONTH'S PROGRAM:

Scheduled to Commence During Next Month

Project Name/ Description	Scheduled End Date	Comments/Exceptions
Green Waste	30 June 2021	Work will be carried out in June
MBH Sub Cell and Separation Layer	30 June 2021	Work to bring small sub cell into use by 30 June 2021

DEVELOPING INITIATIVES / ISSUES:

Not applicable.

PLANNING & PROJECT DELIVERY

PREVIOUS MONTH'S ACHIEVEMENTS:

Significant Projects Update:

Theresa Creek Dam Dredging Project

Dredging Solutions commenced the dredging of TCD just after Easter, there was an initial delay due to 135mm of rain received in the area. A total of sixteen (16) geo bags were installed in the laydown area and dredging of the dam commenced Wednesday 7 April 2021. By the first week of May Dredging Solutions estimated they had successfully extracted the 12000m³ that was approved in the original contract. A proposal was put forward by council and approved to extract an additional 3000m³ from the site.

As at 19 May 2021, a total of 15222m³ has successfully been dredged from TCD, Dredging Solutions are now in the process of demobilisation. The volume of material removed was measured by flow meters and also survey which demonstrated the reinstate levels of the gully. The geo bags will now be allowed to dry for the next 9 -12 months when the material will be removed for utilisation around the car park.

A float-controlled sump pump is being installed to continue to pump any supernatant water back into the dam over the drying out period (next 9 – 12 months). An electrical connection to the pump location has now been completed and the instillation process continues.



Figure 1: Geo tubes with the extraction pipe in place showing the filling of bags



Figure 2: The barge in operation dredging the dam



Figure 3: Geo bags being filled



Figure 4: Geo bags being filled



Figure 5: Geo bags have been filled; this will be where they are stored for the next 9 - 12 months

CW182580 Moranbah Belt Filter Press

Installation of the Belt Filter Press (BFP) at Moranbah WWTP is in the final stages of completion. The BFP is to process the sludge from the Moranbah WWTP to reduce the water content and weight, instead of using the drying beds. A new shed has been built over the BFP to protect the equipment. Commissioning is planned for mid-June.



Figure 6: Photo of shed being completed



Figure 7: Installation of Belt Filter Press



Figure 8: Belt Filter Press with most of the set up completed

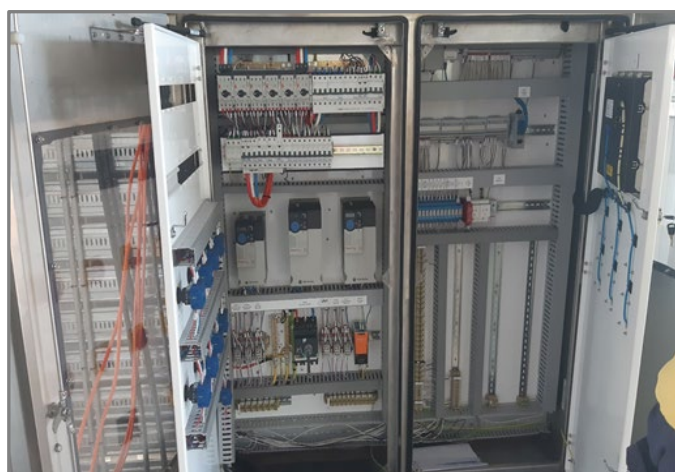


Figure 9: Electrical set up for the Belt Filter Press

CW202809 Moranbah Landfill Remediation

Project awarded at Ordinary Meeting 28 April 2020 to Synergy Resource Management. Revised project estimates now sit at \$5,500,000 which results in a provisional saving of \$250,000 from original approved budget with current expenditure at \$2,689,316.

Contractor is on site and has completed land fill reshaping, supply and placement of cover material, and is now placing the clay capping approx. 90%. Agreement has been reached for the Principal to supply the project topsoil and top up clay due to credit issues between the principal contractor and the local sub-contractor supplying the material.

Progress has been slow, with the contractor likely to be 7 months late in the delivery of this project. The delays have been caused by slow progress within all stages of the work due to construction issues, and contractor inexperience. The contractor has been encouraged to improve their productivity. A new Superintendent was appointed Feb 2021 (Premise) to assist with the management of the contract and closing out of this project.

The contractors revised program had Practical Completion 29 May 2021, obviously this will not be met with likely completion end of June 2021.

CW192733 Chlorine Dosing Upgrade

The Clermont Wastewater Treatment Plant is undergoing a number of upgrades, in October last year the Contact Tank Analysers and Inlet Screen projects were completed. The next project to commence was the upgrade to the existing chlorine dosing shed. This month saw the expansion of the shed, installation of the standby chlorine cylinder hardware and upgrades to the electrics.



Figure 10: Photo of original Chlorine building



Figure 11: Laying of new extension slab and removal of old building



Figure 12: New Chlorine Dosing building completed



Figure 13: Chlorine cylinders installed in the new building

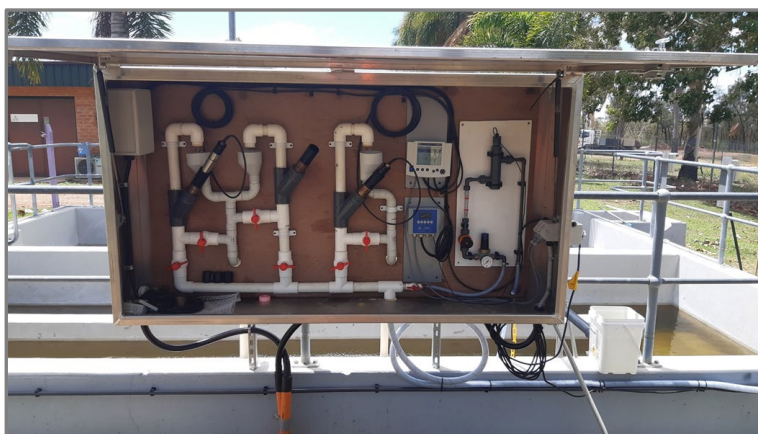


Figure 14: Contact Tank Analyser configuration

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	Tenders have closed, further clarifications are required to then be issued to successful tenderer.
Changes to the Clarifier Bell mouth and the 3 ML reservoir	These have been installed and works completed.
Lighting at WTP	One tender response was received

Program Activities

Ongoing development of PAG documents for assessment.

Projects Completed

CW Number	Project Name/ Description	Comments/Exceptions
CW202817	DYS-SN-Enforceable Undertaking	Balance Tank: Project commissioned and handed over. All physical items completed, with only documentation left to complete (to be completed in May).
CW212861	CORP Water Mains Replacement Program	Water main completed and final payments issued.

FINANCIAL REPORT:

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

- Progress;
- Exceptions; and
- Deviations on the capital projects.

As at 25 May 2021, Water and Wastewater actual expenditure totals \$7,851,931 representing 58% of amended budget (20-21 - \$13,445,060) and a total spend inclusive of tender commitments of \$11,818,491 which represents 87.9% of annual approved budget.

As at 25 May 2021, Waste Services actual expenditure totals \$3,286,060 representing 56% of amended budget (20-21 - \$5,834,510), and a total spend inclusive of tender commitments of \$5,704,767 which represents 97.8% of annual approved budget.

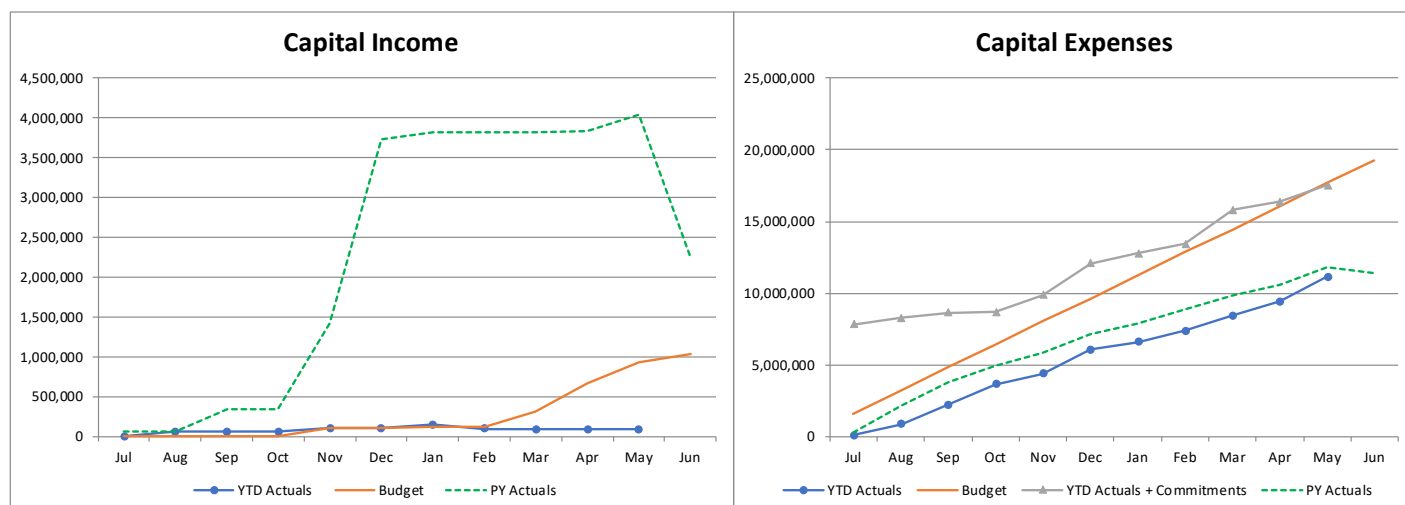
The combined Water & Waste actual expenditure totals \$11,137,991 representing 57.7 % of annual approved budget (20-21 - \$19,279,570) and a total spend inclusive of tender commitments of \$17,523,258 representing 90.8 % of annual approved budget.

EXPENDITURE SUMMARY

Water & Wastewater	APRIL 2021	MAY 2021
Actual CF plus 19/20 Program Expenditure to date	\$6,510,223	\$7,851,931
Actual Program Expenditure including Tender commitments to date	\$10,859,269	\$11,818,491
Waste		
Actual CF plus 19/20 Program Expenditure to date	\$2,915,411	\$3,286,060
Actual Program Expenditure including Tender commitments to date	\$5,537,097	\$5,707,767

DEVIATION FROM BUDGET AND POLICY:

The above financial commentary includes all carry overs. The graph below tracks budget against actuals plus commitments.



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: • >90% of capital program delivered to budget	Monitor
		Implementation of effective project and contract management systems and procedures: • >90% all subprograms in the W&W capital program is completed on time and in budget	Delay in the delivery of some projects has been reflected in under expenditure for actuals Monitor

NEXT MONTH'S PROGRAM:

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). DNRME has completed the assessment and issued an offer which has subsequently been accepted. Community Consultation completed as per DNRME requirements. Further design reviews will be required to ensure that VFM is achieved. Carry forward of approximately \$500K. Actuals + small internal cost for EOFY.
CW182563	MMT WTP Reroof Clearwater Tanks 1 & 2	Prestart meeting held 17 March 2021. Preliminary designs delivered by contractor for review by the Principal. Final designs were delivered this week. Methodology and program of works were delivered last week. Roofing materials and backwash pumps ordered. Total project cost will exceed available budget due to variation ordered for air scour valves and flowmeter not included within SOW + further variations + PM costs. Likely additional \$100K required, though it is deemed unlikely that the current budget 20/21 will be fully

		expended due to supply constraints for overseas sourced materials. Likely completion July/Aug 2021.
CW182564	CORP WTP Clearwater Tank Upgrades (Capricorn St Reservoir)	Awaiting quote from DGH for overflow leak repair.
CW182580	Old Failed equipment (MBH WWTP Belt press)	MBH BFP: Shed complete, civils completed, and physical BFP equipment complete. Electrical underway. Waiting for variation to be approved (which include the replacement of damaged equipment which is still to occur). Commissioning planned for May 2021.
CW192733	CLM STP Upgrade works	Chlorine duplication project: Portable water upgrade, asbestos removed, building expansion and commissioning both Cylinders completed. SCADA to be completed 19 May. Only minor items and documentation left, which is to be completed by early June 2021.
NEW CAPITAL WORKS PROJECTS (FY20/21)		
CW202807	CLM-Raw Water-TCD Water Storage	Variation1 being approved for further 3000 cubic meters to be removed. Total 15,000 cubic meters. 16 bags being filled. Supernatant pump to be installed by Dredging Solutions to pump water to dam once demobilised.
CW202846	NBO WTP Electrical Connectivity Improvement	Funds to be utilised to reduce the EC wastewater levels at WTP or alternative solutions. Short term and medium term options being investigated. Quote accepted for flowmeter and EC monitoring equipment (43K) to assist with TEP. works expected to be completed by EOFY
CW212863	CORP Water Valve & Hydrant Repair/Replace	Project awarded to Moranbah Plumbing, works expected to commence late May 2021 and completion mid-June 2021.
CW212864	CORP SN Main Relining Program	Project awarded to Relining Solutions. Initial cleaning and CCTV investigations completed in Middlemount 26/03/2021. Relining works commenced in Middlemount 11/05/21 large diameter spiral liner in 300 & 375 pipelines, and in Clermont 17/5/21 with 2 x crews. Works forecast for completion 25/6/21.
CW212866	CORP - SPS Renewal Program	NBO & GLN SPS: The SPS switchboard that require minor work have been completed (except for a few minor items); however, waiting for 2 new switchboards to arrive with a potential risk of not completed by end of June as project involves Ergon. MBH SPS renewal ongoing (60%). SPS02 & 07 concrete & SW begins end of May.
CW212867	CORP WTP Replace Old/Failed Equipment	Replacement of actuated valves at GLN WTP completed Dec 2020. CLM WTP waste pipeline to sludge lagoons to be replaced, RFQ to be finalised. Project planning and development ongoing with input from Operations Supervisors, draft priority lists developed to shortlist projects based on risk. Replacement of flow meters required at several sites. Project expected to carry over into Q1 2021/22
CW212869	CORP Potable Water Meter Install Parks & Gardens	Review of unmetered services completed in Clermont. W&W operations currently procuring materials and installing meters in CLM. Installation of several irrigation service meters to Clements St MBH completed in April.

INFORMATION BULLETIN

CW212875	Caravan Dump Points - MBH & MMT	RFQ has been issued currently waiting responses from market, with site inspection Wednesday 2 June 2021.
CW212936	CORP SN Manhole Rehabilitation	Project awarded to Nixon Plumbing. Works commenced on site 27/04/2021, potential for delays due to supply issues for precast components. Project progressing very well to date.
CW212939	CLM STP Lighting Rectification	Work begins in May due to late material delivery for lighting poles.
CW212940	CLM WTP Quality Response Action Works	TCD VFD: Has been awarded with PO issued 16 May. Construction to start late May and be completed early June. Lighting upgrade 95% complete (100% by 31/05/2021). Iron & manganese monitor to be booked against balance of funds cost \$180K
CW212941	DYS STP Optimisation of Plant	Concrete Infrastructure report: Site inspected conducted, waiting for camera operator and report. Building Works: Was awarded in mid-April, with construction started early May and is expected to be completed by end of June. Electrical/SCADA: RFQ close on 14 May, with project to be issued next fin yr.

DEVELOPING INITIATIVES / ISSUES:

Successful candidate Planning Engineer commencing on 6 June 2021

Report authorised by:

GARY MURPHY

Director Water and Waste

Date: 2 June 2021

ATTACHMENTS

- CONFIDENTIAL Attachment 1a – Water & Waste Capital Projects May 2020 / 2021 Fin Year

PAGES 58 TO 59 HAVE INTENTIONALLY BEEN REMOVED DUE TO CONFIDENTIAL REASONS