

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, 12 MAY 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 Veava

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 12 MAY 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 14 April 2021.

5. OFFICER 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.

6. INFORMATION BULLETIN

6.1 WATER AND WASTE INFORMATION BULLETIN – MAY 2021

EXECUTIVE SUMMARY

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

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UNCONFIRMED MINUTES

WATER AND WASTE STANDING COMMITTEE MEETING OF
ISAAC REGIONAL COUNCIL

HELD ON
WEDNESDAY, 14 APRIL 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 14 APRIL 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 14 APRIL 2021 COMMENCING AT 1.00PM

ATTENDANCE Cr Simon West, Division Four (Chair)
Mayor Anne Baker
Cr Greg Austen, Division One
Cr Kelly Veve, Division Five
Cr Lyn Jones, Division Six

OFFICERS PRESENT Mr Gary Murphy, Director Water and Waste
Mrs Linda Roberts, Manager Planning and Projects
Mr Karl Murdoch, Manager Waste Services
Mr Stephan Wagner, Manager Operations and Maintenance
Mr Neville Bell, Assets and Compliance Officer
Ms Grier Williamson, Digital and Online Communications Officer
Mrs Tricia Hughes, Coordinator Executive Support
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.

The Mayor was not in the meeting room at the commencement of the meeting.

2. APOLOGIES

No apologies received this meeting.

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 10 March 2021.

Resolution No.: W&W0305

Moved: Cr Kelly Vea Vea

Seconded: Cr Lyn Jones

That the minutes from the Water and Waste Standing Committee meeting held in Council Chambers, Moranbah on Wednesday 10 March 2021 are confirmed.

Carried

ATTENDANCE

Mayor Anne Baker entered the meeting room at 1.06pm.

5. OFFICERS REPORTS

5.1 Effluent/Recycled Water Truck Fill Point Charges and Improvements – Nebo

EXECUTIVE SUMMARY

The purpose of this report is to request all approved water users to access effluent water from the Nebo effluent/recycled water truck fill point without having to pay the applicable fee as per the Isaac Regional Council 2020/2021 Schedule of Fees and Charges, including any usage from 1 April 2021. Approval is also sought for any capital improvements required at the truck fill point to maximise the ability to access effluent.

OFFICER'S RECOMMENDATION

That the Committee recommends to Council to:

- 1. Resolve to allow all approved water users to access effluent water from the Nebo effluent/recycled water truck fill point without having to pay the applicable fee as per the Isaac Regional Council 2020/2021 Schedule of Fees and Charges, including any usage from 1 April 2021.*
- 2. Note that the proposed 2021/2022 Isaac Regional Council Schedule of Fees and Charges will include a notation excluding Nebo from the effluent/recycled water truck fill point associated fee.*
- 3. Approve the use of funds from CW202846 Nebo WTP Electrical Conductivity Improvement for the purposes of upgrades to the truck fill point to maximise recycled water consumption.*

Resolution No.: W&W0306

Moved: Cr Kelly Vea Vea

Seconded: Cr Greg Austen

That the Committee recommends to Council to:

1. Resolve to allow all approved water users to access effluent water from the Nebo effluent/recycled water truck fill point without having to pay the applicable fee as per the Isaac Regional Council 2020/2021 Schedule of Fees and Charges, including any usage from 1 April 2021.
2. Note that the proposed 2021/2022 Isaac Regional Council Schedule of Fees and Charges will include a notation excluding Nebo from the effluent/recycled water truck fill point associated fee.
3. Approve the use of funds from CW202846 Nebo WTP Electrical Conductivity Improvement for the purposes of upgrades to the truck fill point to maximise recycled water consumption.

Carried

5.2 Greater Whitsunday Alliance - Mackay Isaac Whitsunday Regional Water Strategy

EXECUTIVE SUMMARY

This report is to provide Council with an update regarding the Greater Whitsunday Alliance - Mackay Isaac Whitsunday Regional Water Strategy project.

OFFICER'S RECOMMENDATION

That the Committee recommends that Council:

- 1. Note the update provided on the Greater Whitsunday Alliance - Mackay Isaac Whitsunday Regional Water Strategy.*

Resolution No.: W&W0307

Moved: Mayor Anne Baker

Seconded: Cr Greg Austen

That the Committee recommends that Council:

1. Note the update provided on the Greater Whitsunday Alliance - Mackay Isaac Whitsunday Regional Water Strategy.

Carried

6. INFORMATION BULLETIN REPORTS

6.1 Water and Waste Information Bulletin – April 2021

EXECUTIVE SUMMARY

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

OFFICER'S RECOMMENDATION

That the Committee:

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

Resolution No.: W&W0308

Moved: Cr Kelly Vea Vea

Seconded: Cr Lyn Jones

That the Committee:

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

Carried

MEETING MINUTES

7. GENERAL BUSINESS

No general business this meeting.

8. CONCLUSION

There being no further business, the Chair declared the meeting closed at 1.41pm.

These minutes were confirmed by the Committee at the Water and Waste Standing Committee Meeting held in Moranbah on Wednesday 12 May 2021.

.....
CHAIR

..... / /
DATE

MEETING DETAILS

Water and Waste Standing Committee
Wednesday 12 May 2021

AUTHOR

Karl Murdoch

AUTHOR POSITION

Manager Waste Services

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:

- 1. 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.***

BACKGROUND

The Local Authority Waste Management Advisory Committee (LAWMAC) Executive Committee met on 5 March 2021. At the quarterly LAWMAC meeting held 19 March 2021, members were briefed on discussions and outcomes from the Executive Committee meeting.

LAWMAC Chair, Cr Fisher, briefed members on the current position of LAWMAC in regard to the Northern Alliance of Councils (NAOC) transitioning to become the Regional Queensland Council of Mayors (RQCOM) leading to a non-alignment and loss of representation of a number of LAWMAC member-councils within the RQCOM region.

IMPLICATIONS

Cr Fisher and Cr Hassan reported on a recent meeting with Mackay Mayor Greg Williamson to discuss the future of LAWMAC as a sub-committee of NAOC/RQCOM, and communication on this was very positive and supportive however it was also acknowledged by all parties that LAWMAC does not “fit” with RQCOM.

It was flagged that this could be a new and different phase for LAWMAC and that NAOC transitioning to RQCOM provided a great opportunity to consider LAWMAC’s future as a “stand-alone” entity.

Cr Brett Muller briefed members on the options of LAWMAC becoming a Company Limited by Guarantee or an Incorporated Association, with implications for Director Duties under the Corporation Act, Constitutional Obligations, Not-For-Profit Status and Liability Protection for Councils and Members.

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LAWMAC becoming an Incorporated Association would be seamless and more relevant and would also be able to seek funding, operate throughout Queensland, and was therefore determined the better fit of the two options.

The status and relationship of Associate Membership was also raised with the outcome that LAWMAC Councils strongly support Associate Memberships and will be looking at different levels of membership (Corporate, Individual etc).

Members resolved that LAWMAC move towards becoming an Incorporated Association and that the Executive proceed to investigate the Incorporation and develop a report for members at the May 2021 meeting.

CONSULTATION

LAWMAC Executive Committee

LAWMAC Members

Director Water and waste

Manager Waste Services

BASIS FOR RECOMMENDATION

Isaac Regional Council is currently a member of LAWMAC.

ACTION ACCOUNTABILITY

Manager of Waste Services to provide future updates to Council.

KEY MESSAGES

Future structural opportunities for LAWMAC to become a “stand-alone” entity.

Report prepared by: KARL MURDOCH Manager Waste Services Date: 27 April 2021	Report authorised by: GARY MURPHY Director Water and Waste Date: 27 April 2021
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ATTACHMENTS

- Attachment 1 – Unconfirmed Minutes of LAWMAC Meeting 19 March 2021

REFERENCE DOCUMENT

- Nil



DRAFT MINUTES
General Meeting No. 2020/21 - 3
Hosted by Gladstone Regional Council
Gladstone Entertainment Convention Centre
56 Goondoon Street, Gladstone Central
8.30am, Friday 19th March 2021

Attendees:

Cr Neil Fisher (LAWMAC Chair)	Rockhampton Regional Council
Cr Shane Latcham	Rockhampton Regional Council
Mr Michael O’Keeffe	Rockhampton Regional Council
Mr George Meacham	Rockhampton Regional Council
Mr Mitch Crane	Rockhampton Regional Council
Mr Charlie Sotiris	Rockhampton Regional Council
Cr Brett Moller (LAWMAC Deputy Chair)	Cairns Regional Council
Cr Russ Cook	Townsville City Council
Mr Matthew McCarthy	Townsville City Council
Mr Nige Deacon	Livingstone Shire Council
Ms Leanne Randall	Livingstone Shire Council
Cr Al Grundy	Whitsunday Regional Council
Mr David DeJager	Whitsunday Regional Council
Cr Belinda Hassan	Mackay Regional Council
Mr Jason Grandcourt	Mackay Regional Council
Cr Ross Logan	Cook Shire Council
Cr Peter Burns	Cook Shire Council
Mr Rick Rolfe	Barcaldine Regional Council
Cr Rick Hansen	Gladstone Regional Council
Mr Nathan Wintour	Gladstone Regional Council
Mr Ashley Perren	Gladstone Regional Council
Mr John Tumbers	Gladstone Regional Council
Mr Peleg Ben-Artzi	Gladstone Regional Council
Mr Geoff Atherfold	Central Highlands Regional Council
Ms Kirstin Byrne	Central Highlands Regional Council
Dr Keith Halford	Banana Shire Council
Mr Nicholas Chang	Banana Shire Council
Mayor Rachel Chambers	North Burnett Regional Council
Cr Sue Payne	North Burnett Regional Council
Cr Melinda Jones	North Burnett Regional Council
Cr Dael Giddins	North Burnett Regional Council
Mr Robert Ferguson	LGAQ Brisbane
Mr Paul Cranch	LGAQ Brisbane
Ms Kylie Hughes	DES - Brisbane
Ms Cara McNicol	DES - Brisbane

Cr Kevin Davies
Mr Ishrar Ali
Ms Lacey Webb
Mr Mark Smith
Mr Jeff Delgado
Ms Tamara Hinchley
Mr Josh Lannen
Mr Pat Pathmanathan
Mr Brian Jackson
Mr Michael Shea
Mr Shaun Fraser
Mr Darren Usher
Ms Rosemary Black
Ms Victoria Hammer
Ms Andrew Brown
Mr Ed Rice
Mr Paul Smith
Mr Wayne Short
Mr Chris Hambling
Mr Tony Stapleton
Mr Allard Bernhofen
Mr Nigel Ruxton
Mr Sam Butler
Ms Alix Baltais
Mr Matt Kriaris
Ms Mary Field

Remondis Australia/Mareeba SC
Remondis Australia
ResourceHub
Waste Recycling Industry Qld
Cleanaway
Cleanaway
MAMS Group
Peak Services
Peak Services
Container Exchange
Container Exchange
GHD
Mandalay Technologies
Circular Beginnings/CQG Consulting
CQG Consulting
CQG Consulting
Environmental Science Matters
Short Environmental
SLR Consulting
BeneTerra
RDT / ReGroup
Golder Associates
Golder Associates
EnviroCom Aust
Kriaris Recyclables
LAWMAC Secretary

Corresponding Member Councils:

Burke; McKinley; Cloncurry; Croydon; Flinders; Etheridge; Carpentaria; Richmond and Torres Councils.

Apologies:

Cr John Furnell
Mr Dan Mulcahy
Mr Mitul Desai
Ms Emily Jones
Cr Teresa Millwood
Mr Gavin Hammond
Mr John Dearlove
Mr Steve Cameron
Mr John Hutchinson
Mr Steve Cosatto
Cr Andrea Friend
Cr Sean Dillon
Mr Steven Boxall
Cr Alan Barr
Mr Michael Langburne
Mr Sheils Barra
Mr Jim Doidge
Cr Simon West
Mr Karl Murdoch

Burdekin Shire Council
Burdekin Shire Council
Burdekin Shire Council
Burdekin Shire Council
Cassowary Coast Regional Council
Cassowary Coast Regional Council
Cassowary Coast Regional Council
Cassowary Coast Regional Council
Cassowary Coast Regional Council
Cairns Regional Council
Livingstone Shire Council
Barcaldine Regional Council
Barcaldine Regional Council
Charters Towers Regional Council
Charters Towers Regional Council
Cook Shire Council
Cook Shire Council
Isaac Regional Council
Isaac Regional Council

Mr Norm Caldwell
Mr Gary Murphy
Mr Sara Sheridan
Cr Lenore Wyatt
Mr Morris Hamill
Ms Amy Yates
Cr Andrew Lancini
Ms Veronica Aster
Mr Alan Wilson
Ms Christine Blanchard
Mr Ian Kuhl
Mr Mark Vis
Mr Jon Turner
Mr Peter Carroll
Mr Paul Hoye
Ms Nicola Learmond
Ms Hayley Page
Mr Sam Wylie
Mr Gavin Crawford
Mr Neil Stiles
Mr Simon Kalinowski
Ms Lily Collins
Ms Patrick Dunne
Ms Mick McKie
Mr James Begg
Mr Stuart Garbutt
Ms Patrice Brown
Ms Ruby Michael
Mr Simon Kalinowski
Ms Joyanne Manning
Ms Melanie Kempton
Ms Grazia Gargiulo
Mr Robert Henderson
Ms Wendy Hughes
Ms Grace Mullins
Mr Paul Verwoerd
Mr Hank Verwoerd
Mr Chris Ashton
Mr Todd Batterham
Mr Steve Robertson
Mr Joel Harris
Mr Nicholas Thomas-Kinsella

Isaac Regional Council
Isaac Regional Council
Isaac Regional Council
Mareeba Shire Council
Mareeba Shire Council
Mareeba Shire Council
Hinchinbrook Shire Council
Hinchinbrook Shire Council
Honorary Member
Honorary Member
Kuhl Meadows/Honorary Member
Tablelands Regional Council
Tablelands Regional Council
Tablelands Regional Council
Douglas shire Council
Douglas Shire Council
Townsville City Council
Mount Isa City Council
Bundaberg Regional Council
Longreach Regional Council
Mandalay Technologies
Infrabuild Recycling
Infrabuild Recycling
Infrabuild Recycling
Golder Associates
RDT / ReGroup
CQG Consulting
Griffith University
Mandalay Technologies
ARUP
ARUP
Terra Sana
Impact Community Services
FNQROC
ResourceHub
Tropical Mulch
Tropical Mulch
Suez Environmental
Suez Environmental
AECOM
Resource Innovations
GHD

The apologies as listed were noted and accepted.

Moved: Cr Al Grundy (Wsdy)

Seconded: Cr Belinda Hassan (Mcky)

Carried: 11 – 0.

WELCOME & INTRODUCTION

LAWMAC Chair Cr Neil Fisher declared the Meeting open at 8.35am, advised on Covid-Safe requirements, housekeeping and evacuation procedures at GECC.

Welcomed all present, paid respects to the traditional custodians of the Gladstone Region and made reference to the Belcarra Code.

Cr Fisher commended Gladstone Regional Council on the success of the previous day's Workshop despite the unfortunate cancellation of the Site Tour due to rain and thanked presenters:-

- Celisa Faulkner, Gladstone RC - Benaraby Landfill – Stage 3 Landfill Cell
- Kylie Hughes – DES Qld - Single Use Plastics Items Ban Update
- Cara McNicol, DES Qld - Consultation on the Organics Plan
- Matt McCarthy (TCC), Christine Blanchard (LVRC) and Michael O'Keeffe (RRC) for presenting on the proposed upcoming individual Council Organic Waste Trials

Cr Fisher thanked CQG Consulting, Cleanaway, Mandalay Technologies, ReGroup, WRIQ and DES Qld for their Sponsorship of the Event plus Mayor Matt Burnett and Gladstone Regional Council for providing the morning's Corporate Breakfast.

Members welcomed and endorsed SLR Consulting and Impact Community Services as new Associate Members of LAWMAC in 2020/2021.

CONFIRMATION OF PREVIOUS DRAFT MINUTES

The draft minutes of the previous General Meeting held Friday 20th November 2020 hosted by Townsville City Council was adopted as a true and correct record of the meeting proceedings.

Moved: Cr Brett Muller (Crns)

Seconded: Cr Russ Cook (Tsv)

Carried: 11 – 0.

NOVEMBER 2020 WORKSHOP REPORT

Members endorsed the LAWMAC Workshop Report held 19th November 2020 and hosted by Townsville City Council.

Moved: Cr Russ Cook (Tsv)

Seconded: Cr Al Grundy (Wsdy)

Carried: 11 – 0.

FINANCIAL REPORT

The LAWMAC financial report up to 28 February 2021 showing a cash balance of \$75,929.34 as circulated to members prior to the meeting was adopted.

Moved: Cr Brett Muller (Crns)

Seconded: Cr Belinda Hassan (Mcky)

Carried: 11 – 0.

CORRESPONDENCE

Members adopted the inward & outward correspondence as listed in the agenda plus two late correspondence items tabled by the secretary –

- Anni Colbran, Proterra interested in attending LAWMAC in Barcaldine with consideration of becoming an Associate Member
- Libby Chaplin, Battery Stewardship Council interested in attending LAWMAC in Whitsundays to report on BSC participation by Councils
- Paintback response re concerns raised regarding shortcomings in their regional stations plus feedback from members on following up further.

The members accepted the inward and outward correspondence and endorsed LAWMAC writing to ACCC Chair Rod Sims and Assistant Minister for Waste Reduction and Environmental Management, Mr Trevor Evans calling for the regulation of all Product Stewardship Schemes citing the PaintBack Scheme as a demonstration of the need that Regions receive equal treatment as major cities.

Moved: Cr Al Grundy (Wsdy)

Seconded: Cr Belinda Hassan (Mcky)

Carried: 11 – 0.

LAWMAC WEBSITE

LAWMAC Secretary tabled the Report from Arnaud Gougeon at DigiTropics advising of ongoing updates to the site including work on the “Members Only” area. The “Demo” Website is <https://dev.lawmac.org.au/> and with further review and feedback DigiTropics will convert it to the full working site at www.lawmac.org.au

Members flagged the concept of alternatively using a much simpler and user-friendly “File Sharing” arrangement for storing and accessing documents for member access.

Questions were raised regarding the purpose and target audience the LAWMAC website hoped to reach plus also the high maintenance required to keep the site up to date, informative and relevant.

Going forward a “DropBox” option plus social media of LinkedIn, FaceBook etc could be more effective and lower maintenance than a dedicated website.

Members resolved to leave the website “as is” whilst a decision on LAWMAC’s structural changes is reached and to develop a report for the next meeting on the future of the website in accordance with LAWMAC’s future direction taking on board all comments from members today.

Moved: Cr Belinda Hassan (Mcky)

Seconded: Cr Brett Muller (Crns)

Carried: 11 – 0.

LAWMAC NEWSLETTER

Members commended Sandi Brown at Rockhampton Regional Council on the previous edition of the Newsletter with Robyn Billings at Mackay Council to develop the May 2021 edition. LAWMAC welcomed the offer for Sandi and Robyn to jointly develop the August and October 2021 editions also. LAWMAC newsletters can be viewed at www.lawmac.org.au

Members discussed the concept of including advertising in the newsletter receiving support from Associate Members for the promotional opportunity.

Members resolved to develop a report on the structure and guidelines of advertising and promotion in the newsletters for consideration at the next meeting in May 2021.

Moved: Cr Neil Fisher (Rkptn)

Seconded: Cr Belinda Hassan (Mcky)

Carried: 11 – 0.

ROSSKO AWARD 2021

Members were called upon to consider a fellow colleague, local government, company or agency for nomination for the 2021 Annual Rossko Award for Excellence in Waste Management in North Queensland with the closing date for submissions set at 30th June.

The “LAWMAC” personalized plate donated back by previous Chair and Honorary Member Alan Wilson is to be included as part of the Perpetual Trophy Rossko Award each year to maintain its presence within the membership of LAWMAC.

Moved: Cr Belinda Hassan (Mcky)

Seconded: Cr Russ Cook (Tsv)

Carried: 11 – 0.

In the absence of Cr Andrea Friend, due to illness, the Drain Buddies Presentation was deferred until the May meeting in Cairns.

LAWMAC TECHNICAL OFFICER REPORT

Executive Meeting Report

Jason Grandcourt briefed members on discussions and outcomes of the Executive Meeting 5th March including the future structural opportunities for LAWMAC to become a “stand-alone” entity separate from the NAOC (now RQCOM).

Jason also advised of the Executive Committee review of the Strategic Plan 2017 – 2021 to address the relevancy of the Mission, Vision, Objectives and Strategies and finalise that document. Copies of the final document to be circulated to members.

Jason to develop a report for projected membership fee levels including budget options (with and without an Executive Officer) for review at the May 2021 meeting.

Moved: Cr Belinda Hassan (Mcky)

Seconded: Cr Russ Cook (Tsv)

Carried: 11 – 0.

THE FUTURE STRUCTURE of LAWMAC (re NAOC/RQCOM Outcome)

Cr Fisher briefed members on the current position of LAWMAC in regard to the Northern Alliance of Councils (NAOC) transitioning to become the Regional Qld Council of Mayors (RQCOM) leading to a non-alignment and loss of representation of a number of LAWMAC member-councils with the RQCOM region.

Cr Fisher and Cr Hassan reported on recent meeting with Mackay Mayor Greg Williamson to discuss the future of LAWMAC as a sub-committee of NAOC/RQCOM where communication was very positive and supportive however it was also acknowledged by all parties that LAWMAC does not “fit” with RQCOM.

It was flagged that this could be a new and different phase for LAWMAC and that NAOC transitioning to RQCOM provided a great opportunity to consider LAWMAC’s future as a “stand-alone” entity.

Cr Brett Muller briefed members on the options of LAWMAC becoming a Company Limited by Guarantee or an Incorporated Association plus Director Duties under the Corporation Act, Constitutional Obligations, Not-For-Profit Status and Liability Protection for Councils and Members.

LAWMAC becoming an Incorporated Association would be seamless and more relevant and would also be able to seek funding, operate throughout Queensland and was therefore determined the better fit of the two options.

The status and relationship of Associate Membership was also raised with the outcome that LAWMAC Councils strongly support Associate Memberships and will be looking at different levels of membership (Corporate, Individual etc).

Members resolved that LAWMAC move towards becoming an Incorporated Association and that the Executive proceed to investigate the Incorporation and develop a report for members at the May 2021 meeting.

Moved: Cr Brett Muller (Crns)

Seconded: Cr Neil Fisher (Rkptn)

Carried: 11 – 0.

LGAQ REPORT – Robert Ferguson

The ***Waste Management and Resource Recovery Advisory Group*** met for the first time on 23rd February 2021.

- A departmental update was provided by DES on the key priorities for 2021 including the waste levy legislative review, development of an organics plan, the single use plastics ban and various programs/projects including litter and illegal dumping and regional transport assistance program.
- The advisory group endorsed establishing 3 technical working groups to focus on key priorities. EOI will be sought for membership of these groups.
 - Waste levy legislative review;
 - Queensland organics action plan; and
 - State-wide waste education and awareness strategy.

Waste levy legislative review. There is a legislative requirement to conduct a review of the waste levy legislation prior to June 2022. It is expected this review will commence in early 2021 and will be led by DES. Advance payments to waste levy councils totaling \$143.5 million in 2019/20 will be included in this review.

- The LGAQ Conference (2020) Association Motion 15 – Sustainable local government waste management and resource recovery – seeks:-
“That the LGAQ lobby the State Government to recommit to the continuation of the advance payments to councils for MSW beyond 2022 and for at least the next State Govt term”.
- The LGAQ acknowledges that councils will require clarification of advance payments beyond the June 2022 commitment in a timely manner to allow sufficient lead time prior to the 2022/23 budget planning cycle.
- A LG technical working group will be established to ensure that local govt is effectively represented in the review of the levy legislation. An EOI process will be conducted mid-March to identify a representative group of council stakeholders.

Annual waste data and reporting

- Councils have raised concerns regarding the current provision of waste data, purpose and scope of the Department’s annual reporting requirements, yearly additions/amendments and overall poor alignment of waste data and reporting.
- The LGAQ and several representative councils met with DES on 21 December 2020 to discuss these escalating concerns.
- Agreement was reached to maintain ongoing discussions and develop a way forward to address these concerns.
- A follow-up February 2021 meeting between DES, several councils and LGAQ progressed discussions on the annual survey questionnaire challenges and proposed refinements.
- At the 15 February 2021 Waste Forum DES provided an overview of their new waste data system (data vault) and mapped out a revised plan of engaging with councils during 2021 and beyond.

Queensland Organics Plan

- DES has commenced initial consultation on the development of a Qld Organics Plan with a purpose of diverting food organics (FO) and garden organics (GO) from landfill.
- LGAQ is participating as a member of a State Govt & Waste Industry Stakeholder Advisory Group and met for the first time on 11 Feb and again on 8 March 2021.
- A LG technical working group to be established to ensure that local govt is effectively represented in the development of this plan. An EOI process will be conducted mid-March to identify a representative group of council stakeholders.

North Queensland Tyre Project

- LGAQ is working in partnership with NQROC, DES and Tyre Stewardship Aust investigating the current state of play and waste flows of end-of-life tyres (EOLT) across the Nth Qld region to identify the range of suitable options for their management/use.
- Due to concerns raised in other council jurisdictions, discussions are underway to determine if the project can be expanded to incorporate further higher level analysis of EOLT across Queensland regional settings. Further updates will be provided as to the outcomes of these discussions.

Meeting with Minister Scanlon’s Office

- LGAQ met with Minister Scanlon’s advisor for waste management and resource recovery on 15 March. Priority topics of discussion centred on:
 - Waste levy legislative review (and advance payments)
 - Queensland Organics Plan
 - Sustainability funding for local government
 - Release of the Queensland Infrastructure report (currently in the Minister’s Office for consideration)
 - Release of the Queensland Indigenous Waste Strategy
 - Importance of statewide waste education and awareness.

Mr Paul Cranch, Lead – Trade and Investment at LGAQ spoke on Investment in Resource Recovery and the Circular Economy

- Decisions to invest may be influenced by the quality of the service that councils provide
- Statistics show that the quality of enquiry handling will improve the conversion rate to actual investment
- However it is difficult to decide how much time and effort should be taken to support investor enquiries
- Identifying legitimate investors can be challenging - Paul can assist with a guide/template

LAWMAC Chair Cr Neil Fisher invited Paul to attend the next LAWMAC meeting and present further.

LAWMAC Chair, Cr Neil Fisher raised concerns regarding the clash of dates between LAWMAC’s quarterly meetings which have been “set in stone” for many years and the February and August dates of the LGAQ Waste Forums.

Members endorsed writing to LGAQ expressing disappointment in this clash of dates and request reconsideration on those dates in the best interests of Council and Industry Waste Representatives across Queensland.

Moved: Cr Neil Fisher (Rkptn) Seconded: Cr Brett Muller (Crns)

Carried: 11 – 0.

Discussion was also raised regarding the location of the LGAQ Waste Forums and whilst of an excellent value the question was raised as to why they are always hosted in Brisbane?

It was proposed that LAWMAC also write to LGAQ raising awareness of the huge regional area of LAWMAC and the benefits of maximising the opportunities of greater representation by hosting one Forum in SEQ and one Forum in Regional Queensland.

Moved: Cr Neil Fisher (Rkptn) Seconded: Cr Kevin Davies (Mrba)

Carried: 11 – 0.

Robert Ferguson thanked LAWMAC for the feedback, acknowledged that LAWMAC represented a large part of Queensland and he has taken all comments on board and will raise discussions within LGAQ.

The LGAQ Reports and Updates by Robert Ferguson and Paul Cranch were noted and accepted.

Moved: Cr Rick Hansen (Gldtne) Seconded: Cr Belinda Hassan (Mcky)

Carried: 11 – 0.

DES UPDATE

Kylie Hughes recapped on the Single Use Plastic Ban Presentation from the previous day’s Workshop.

Shopping Bag Packs for Retailers to avoid Single Use Bags; Commitment from Retailers by 2022 with a transitional period for phasing out single use stock items.
Election Commitment - Regulation on Waste Management Infrastructure Plans
Currently working with SWCO M, CQROC and NWROC re economic developments
Two Action Plans in the pipeline:

- Development of Textile Analysis Action Plan
- E-Waste Action Plan – particularly focussing on higher order of items, the right to repair before disposal, etc

The Update by Kylie Hughes, Director of Waste Avoidance & Recovery Policy, Office of Resource Recovery, DES Qld was noted and accepted.

Moved: Cr Rick Hansen (Gldtne) Seconded: Cr Belinda Hassan (Mcky)
Carried: 11 – 0.

WMRR REPORT

Matt McCarthy reported on upcoming events:

- **Conferences**
 - 2021 Australian Landfill & Transfer Stations Conference, 8 to 10 June in Sydney
 - 2021 Energy from Waste Conference, 17 to 19 August in Melbourne
 - Waste & Resource Recovery 2021, 19 to 21 October in Bundaberg
- **Queensland Events**
 - Working Group and Branch Meetings
 - Breakfast with the Minister
 - Women of Waste
 - Specialty Topics as they arise

The WMRR Report by Qld Branch President Matt McCarthy was noted and accepted

Moved: Cr Russ Cook (Tsv) Seconded: Cr Belinda Hassan (Mcky)
Carried: 11 – 0.

WASTE REPORTS – Member Councils

LIVINGSTONE SHIRE COUNCIL

- LSC Waste Services is now a 3-member team with one new recruit joining the team managing multiple contractors providing waste related services
- Resource Recovery and Transfer Station Services tender is currently being evaluated and award imminent
- Resource Recovery Centre – Principal Consultant award imminent
- Waste Management Strategy – Pre draft Community Engagement survey closed on 5 March 2021. Significant interest with 107 responses received
- Draft Waste Strategy ready to go to the Executive Leadership Team for review
- Plastic Free Places program has now commenced in Rockhampton and Livingstone LG's. Plastic Free CQ
- Waste App to be developed
- Time Lapse video to be set up for Yeppoon Landfill – will record a period of 5-7 days of waste being disposed to the Landfill face.

ROCKHAMPTON REGIONAL COUNCIL

- Council continue to work on a Business Case for kerbside organics collection
- The construction of Council's second Piggy Back Landfill Cell is nearing completion. Waste placement within this Cell is expected to commence around June 2021
- Construction of the final capping system on the former Gracemere Landfill is scheduled to commence before the end of this FY

- The LFG Management System at the Lakes Creek Road Landfill undertaken by LMS is now operational and performing well
- Council is looking to purchase equipment this FY for the processing of expanded polystyrene and looking to share experiences and outcomes with other Councils
- Council continues to look for a viable recycling option for Solar Panels.

CENTRAL HIGHLANDS REGIONAL COUNCIL

- **Media campaign.** Launched the “give a hoot, report those who pollute campaign”. We are also commencing engagement with schools from 1 July 2021 to help with the messaging.
 - Media campaign to increase community awareness regarding the illegal dumping and hotspots within the area.
- **Waste Strategy.** High level draft of the waste provided to council staffers in March. Some major finetuning of data required but on track for community consultation later this calendar year.
 - Shout out to anyone using the Technology one project to reach out and we could look at how your financial layers are set up with reporting.
- **CapEx projects.** 15 projects in the 2020/21 budget totalling \$4.1M. On track to completing all projects on time this financial year.
 - 15 projects identified for delivery in 2021/22 with a budget of \$3.74M being proposed
- **Super Resource Recovery Centre.** Final investigations going with three identified sites with one being preferable however its proximity to the airport is causing concerns at the moment from a planning perspective. This will be a centralised landfill and resource recovery centre within Emerald as the active landfill at Lochlees (11km from Emerald) is nearing capacity in next 8-12 years.
- **Full cost price modelling.** New full cost price modelling has been commissioned for 1 July 2021. Last FCP completed in 2017/2018
- **Fees and charges.** Update to fees and charges to increase the fees associated with some waste disposal. Also seeking to merge the gate fee with the waste levy fee (seeking thoughts from councils for the merge/split of the fees)
- **Staffing.** Struggling with rosters with 8.5 resource recovery attendants staffing 6.5 sites + 6 bin stations (contractors look after 2.5 sites). Geoff is preparing a report to ELT to seek additional staff members to help alleviate this.
- **Community desire.** Communities are seeking more hours for facilities so looking at automated gates and will visit Banana’s new facility en route to Gladstone. We have a significant amount of education to help with the community ahead of automation to ensure it works for our facilities.

MACKAY REGIONAL COUNCIL

- On 3 February 2021 Council visited various current waste and resource recovery facilities in the lead up to the waste and resource recovery strategy review.
- Council’s collection contractor J. J. Richards & Sons Pty Ltd has experienced a significant number of on board truck fires for both waste and recycling vehicles. Council has undertaken a significant number of releases to communicate with residents on the importance in adhering to Council’s acceptance criteria for materials being placed into bins. The rise in the use of lithium ion batteries are a contributing factor.
- Kerbside recycling material continues to be received from Rockhampton and Central Highlands Regional Councils to be processed at the Mackay MRF. This will continue until the MRF at Rockhampton is operational, following the fire in late 2020.

- Several capital and operational projects have been brought forward for Waste Services including replacement of life expired oil recycling sheds, re-sheeting of greenwaste gravel hard stands and the gravel re-sheeting of Hogan's Pocket Rd.
- Council's Closed Landfill Project continues with the awarding of Phase 1 Closed Landfill Rehabilitation Program to Golders and currently procuring a Closed Landfill Auditor.
- Waste Services Asset Management Project is continuing with significant progress with data cleansing and naming structure being completed.
- The very sad news that Council's Resource Recovery Education officer, Fiona Paterson, has resigned to focus on retirement. Fiona has been the core to success with Council's education program, working for Council since 2007. Fiona will be very much missed by Waste Services, Council and the community at large, with her extensive knowledge and willingness to share with others. We wish her well with her next chapter from Friday 2 April 2021.

WHITSUNDAY REGIONAL COUNCIL

1. 2021-21 Local Government Levy Ready Grant Program (Round 2)

WRC holds a temporary exemption under section 325 of the Waste Reduction and Recycling Act 2011 (the Act) for its Mt Coolon Landfill. WRC was successful in its application for a grant to close the landfill and establish a waste transfer station. Community engagement and project planning is underway.

2. Kerbside Waste and Recycling Contract

Expires EOFY 2021 – WRC prepared a short-term contract of <3 years to align with Mackay Regional Council with the intention aligning contract expiry dates to enable a future joint tender process. This Tender has closed and evaluations are in progress.

3. Cannonvale Transfer Station Services Contract

Expires EOFY 2021 – Out to Tender. Currently included in the kerbside collections contract with JJ Richards. This service has been separated out as a separate contract to enable inclusion of smaller local suppliers.

4. Satellite Waste Transfer Stations

WRC operates 14 unsupervised waste transfer stations. Each satellite transfer station represents, and is intended to service, residential properties in geographical areas not currently receiving kerbside collections. Managing these sites is a challenge with illegal dumping and high service costs. Planning is underway to extend kerbside services and progressively close some of these facilities including one site identified as located on private property.

5. QLD DES Regional Recycling Transport Assistance Package (RRTAP)

Concrete recovery completed with the removal and transport of 3463 tonnes of concrete to Mackay for crushing and reuse as road base.

Household Battery Recycling program: Fourteen (14) boxes of batteries weighing 101 Kg were sent to Envirostream for processing with another 18 boxes prepared for transport and processing. Volumes below expectation and targets adjusted accordingly. WRC will continue to run this service post funding.

6. Waste Strategy

The current waste strategy covers 2016 to 2021. Budgeting and planning for development of a new Waste Strategy is underway including discussions with Mackay and Isaac Regional Councils.

CAIRNS REGIONAL COUNCIL

- RDA FNQ Plastics Options Analysis - third stage, Education component, is commencing this week.

- Cairns Council and Tablelands Regional Council have commenced a 3month trial to process TRC kerbside recycling.
- Glass processing facility is now operational with performance testing at the end of the month - timing is appropriate as Council has continued to develop local markets for crushed glass as a sand replacement - such as:
 - * In collaboration with other FNQROC Councils, Cairns Council has included the utilisation of crushed glass as sand replacement for bedding sand for water and waste water infrastructure and
 - * Through Council's procurement process has invited Asphalt Suppliers into a Preferred Supplier Arrangement to utilise crushed glass as sand replacement in asphalt.
- Portsmith Transfer Station - CRCs main Transfer Station planned Capex spend of ~\$1.2M this calendar year. Project will involve the construction of a second gatehouse, reseal of the road network, addition of two drop-off lanes, upgrade of the Cardboard, E waste and Hazardous Waste Collection areas.
- Council is currently undertaking a full review of its website expected to finalise this financial year. Analytics has shown that the Waste and Resource Recovery areas are some of the most frequented sites, as such the new site will have shortcut buttons to the most popular links (ie kerbside collection, Transfer Station information and A-Z of Waste).
- Pleased to announce that at the end of the month Council will be workshopping a Single-Use Plastics Policy

Finally, like to invite all to attend LAWMAC in Cairns on May 20-21. The location for Thursday's meeting is a great example of Reuse. Council has converted an old WWII oil tanks site into multi-purpose venues. Friday's meeting will be at the new MRF.

TOWNSVILLE CITY COUNCIL

- Council is developing a new corporate plan. Circular economy principles are now embedded within the corporate goals.
- Regional Organics Management Roadmap has been developed outlining the pathway to introduce food and garden organic collections and processing as well as identifying/developing end markets. It is expected to enact the Roadmap when there is certainty around the future of waste levy advance payments.
- With 46% organic material in the landfill bin, Council is planning to undertake two concurrent Organics Trials during 2021 / 2022:
 - Fortnightly 240 litre garden organics (GO) bin, weekly 240 litre landfill bin
 - Weekly 240 litre food and garden organics (FOGO) bin, fortnightly 240 litre landfill bin
- A long-term infrastructure plan to support the WARR strategy has been developed and will guide capital expenditure over the next 10 years.
- Recent plant and equipment replacements include a new John Deere Loader, 22 tonne Excavator, 38 tonne Bomag landfill compactor, D6 Case bulldozer, 6X4 water truck with fire fighting capability, and trade certified scales for the telehandler. A cardboard compactor was also recently installed at the Hervey Range Resource Recovery Centre.
- 2020/21 Capital projects have all been completed:
 - Interface liner extension at Stuart for Cell 3A (\$3.5m)
 - Leachate Pond 4 at Stuart (\$4m)
 - Final Capping at Hervey Range (\$4m)

- Gas production at Stuart Waste Facility has doubled with the installation of another 15 gas wells at the Stuart Landfill. Aiming for power generation in 2023.

BANANA SHIRE COUNCIL

- Banana Shire Council has installed and opened the first of its Waste Transfer Smart Stations at Wowan. The opening occurred on the 17th of March 2021. All other sites to come on line post July 1 2021
- Closing of the Cracow Landfill/ Opening of the new Waste Transfer Station with Smart Capability to be completed by June 30 2021
- Option Analysis has commenced for a new MRF/Landfill site within the Banana Shire
- MOU was drafted and disseminated between industry and Council on the use of disturbed mine land for post mining land use for Waster/Recycling facilities
- Development of a Leachate Treatment/Transportation facility at Trap Gully Landfill. Final design completed
- Obtaining quotes for EA development and EA Amendment for existing operations to allow BSC greater capability to except other waste types and to commence trials in composting
- Continued Development of a new 5, 10 and 20 year Strategic Plan
- Planning for the rehabilitation of remaining historic Landfill sites, BSC had 6 historic landfill sites which had not been rehabilitated. Five other landfill sites have now been rehabilitated since the start of 2020
- Construction of the Taroom Waste Transfer Station is near completion and expressions of interest have gone out for staffing of the site;
- Entered an agreement with neighbouring councils for the future use of the rebuilt Rockhampton MRF
- Included in the first CQROC waste committee brief/meeting.
- Closing of the Cracow Landfill/ Opening of the new Waste Transfer Station with Smart Capability

GLADSTONE REGIONAL COUNCIL

Benaraby Landfill second weighbridge was commissioned on the 19/11/2020 and is being used as the inbound bridge to weigh all commercial customers in to site and the original weighbridge has become the outbound weighbridge. Domestic customers are not currently being weighed due to restrictions with are current traffic management plan.

- Benaraby Landfill Traffic management has been highlighted as needing an upgrade.
- Benaraby Landfill new landfill cell 3A is to be completed by the 14/04/21. A fill plan is being developed by ATCW as part of the project and the plan will achieve the following
 - Safe disposal procedures and protection of the receiving environment.
 - Optimisation of compaction and airspace consumption.
 - Minimisation of leachate generation.
 - Management of surface waters.
 - Compliance with conditions of the operational approvals.
- GRC has engaged Resource Analytics to assist in future planning for Landfill rehabilitation and waste pricing models.
- GRC has employed all ex contractor staff that operated at GRC remote transfer stations as part of its in-sourcing program. New staff are being trained in best practices surrounding transfer station bin utilisation and recovery.

- GRC employed an Illegal Dumping Officer in April 2020, since commencement of this position GRC has issued 51 pins and removed 61,705ltrs of illegally dumped materials.
- GRC are currently operating one Landfill and eleven Transfer Stations.
- GRC to hold Ecofest on Sunday the 6th of June. Ecofest is Gladstone Region's annual environmental festival celebrating World Environment Day. The theme for this year's event is **Ecosystem Restoration**. Ecofest aims to encourage and empower the community to make changes towards being more sustainable.

BARCALDINE REGIONAL COUNCIL

- Through our strategic planning, BRC is investigating reducing its five town landfill sites back to two.
- With the purchase of a new truck being budgeted next financial year, BSC is investigating whether to continue performing kerbside collection inhouse or move to external contract.
- BSC is also investigating whether to operate the new Barcaldine Transfer Station or contract that out also.

COOK SHIRE COUNCIL

As reported by Sheils Barra at previous LAWMAC meeting Council was exploring options for collection and transporting waste from Lockhart River Aboriginal Community however with only a couple of metres of waste this is proving too costly. This is an ongoing problem for Council and is currently servicing from Coen every ten days to pick up. Very expensive and Council is unsure what to do at this stage – possibly go back to a small landfill?

Business as usual in all other areas of waste management at Cook.

NORTH BURNETT REGIONAL COUNCIL

Mayor Rachel Chambers thanked LAWMAC for the invitation extended for NBRC delegates to attend this event and briefed members on the population of 10,000+ residents over five townships with NBRC included as a Waste Levy Council.

Due to the costs to the Community and huge shifts in how waste is treated NBRC decided to be part of a Zero Waste Economy but need help to identify the right fit and LAWMAC Councils may be able to provide some of those answers.

NBRC currently does not recycle cardboard and do not have a yellow bin system and would definitely need community waste education to avoid contamination levels. Risk Assessment is underway at the Waste Transfer Stations and Council is looking at networking with other councils for feedback plus also consider addressing the issues of unmanned facilities.

NBRC is considering On-Site Micro Solutions as they do not have the size and scale to transport waste economically.

Farm products coming into landfill and how to address this is also an issue for NBRC.

North Burnett Regional Council expressed interest in becoming a LAWMAC member-council in 2021-22 and Mary to liaise and advise membership options and fees.

MAREEBA SHIRE COUNCIL

- Reviewed and updated the Full Cost Pricing Model – Waste, includes the feasibility of a kerbside recycling service
- Review and rationalise transfer station operating hours and operating model
- Review fees and charges
- Exploring the opportunities for a buy back shop
- Commencing mattress recycling program with Endeavour Foundation

- Commenced household battery recycling program which to date hasn't had the uptake expected

ISAAC REGIONAL COUNCIL

- Annual Mandalay training & system development – week commencing 8 March – shared with Central Highlands Regional Council
- New version of Cleanaview software launched in week commencing 8 March
- Tender for processing of green waste and certain other wastes at Council's three largest sites – closes on 1 April

WASTE REPORTS – Associate Members

RESOURCEHUB

- Preferred partnership model with Mandalay has commenced, and announcements regarding service offerings will follow in coming months. At this stage, RHC (Resource Hub Consulting) has been announced as Mandalay's preferred partners for on the ground disaster response and preparedness services. With a team of 4, we're excited to be adding further resources to the services to date delivered by Lacey.
- We have commenced ongoing remote administrative services for a number of council's including Lawmac members, providing outsourced Regulation/Waste Levy reporting. RHC supports councils by actioning levy reporting collation and lodgement on their behalf, and acting as transactional data administrators, where waste teams are understaffed or have other priorities.
- We will be meeting Minister Scanlon and her advisory team in early April to provide guidance in regard to some of the limitations of RRIDP program and the effectiveness of other grant programs across the states that are suitable for smaller scale resource recovery projects.
- For council's who work with the Sustainable Schools Network, Resource Hub has been engaged to support the organisation through a change in business operations. Touch base for more details.
- Waste Levy update – DES is continuing data audits across ALL facilities and if you haven't been asked to provide supporting information for July 2020 to December 2020, expect to be contacted shortly. Lacey is currently supporting 6 council's with responses in repeatable formats that can be used in future. Our recommendation is that if you are providing evidence of changes to past returns or providing guidance in regard to data queries, do so in a spreadsheet format, with a single tab per TYPE of query, and include transactional information as well as a description of onsite operational process as supporting evidence.

BENETERRA

- A breakthrough with the Department of Environment and Science with respect to how to gain an approval for evaporative technology such as BeneVap in a Queensland landfill. The issue stopping such approvals was the lack of regulation around air emissions limits for PFAS compounds. DES has committed to following a similar risk based approach as in other states with EA conditions likely to include a "measure and report" requirement on PFAS and other contaminants.
- BeneTerra is looking for councils who feel that a change to their EA conditions to allow for this type of technology choice would be advantageous.
- After the first of the councils gets their updated EA conditions, then we will be looking for industrial clients to follow suit.

- In addition to BeneVap, BeneTerra is engaging with landfills both in Australia and overseas to offer a number of other services including QA/QC roles for geofabric installations and plastic liner repairs and welding.

ENVIROSCIENCE MATTERS

Projects underway include:

- Advising a Victorian Auditor on technical aspects of phytocap design for a large city landfill east of Melbourne;
- Design of a phytocap for a regional landfill in southern NSW;
- Finalisation of the design of an effluent irrigation area using a combination of trees and fodder grasses for a Council in southern NSW;
- Preparing a Rehab Plan using phyto – interception as the moisture control method on a waste site in the wet tropics;
- Installing gas and leachate monitoring wells on a waste site in the wet tropics.

ESM and PhytoLink continue to work with Dr Ruby Michael and her students at Griffith University on a variety of research projects including tree water uptake.

CLEANAWAY

- Cleanaway in QLD has had a busy start to the year:
 - Commenced Banana Shire kerbside collections on 1st January 2021
 - Re-won Douglas Shire kerbside collections, from 11th January 2021
 - Commencing Logan City Council on 1st July 2021
 - Tendering for Whitsundays, Fraser Coast, Gold Coast, Sunshine Coast
 - Large commercial customers now include Coles, Woolworths, Telstra, Collins Food (KFC, etc), EA Fuels (Caltex)
- COVID impact:
 - Interstate movements hampered over concerns of snap border closures
 - 9 month wait list for cab chassis out of Europe / Japan.
 - Spares supply shortage from Europe = vehicles off road for longer.
- Other:
 - Steel prices markedly higher = expensive bins = inflation.
 - Former Cleanaway RM Chris Ashton currently battling an aggressive form of Leukemia – members wished Chris well.

MAMS GROUP

Been very busy with Landfill Operations, Transfer Stations and Collections

Operated well throughout the wet season, not as bad as previous wet seasons with steady rain rather than huge deluges

Kerbside Collections contract at Hinchinbrook Council for seven years no new truck orders until September could be problematic

CRS collections and processing still going strong and successfully managed at MAMS facilities

Waste App for Kerbside Collection Service – Date, A-Z on types of waste etc

REMONDIS AUSTRALIA

Kevin Davies reported that Remondis have just finished Cell 4 at Springmount Landfill with plans for future installation of gas – three to flare.

COEXCHANGE

Mick Shea reported CoExchange is still working on increasing CRS collection and processing sites over the next six to eight months plus waste capitalisation to explore

GHD

- Recently completed and now commencing further work on resource recovery / transfer station planning and design project, including several in North Queensland. Look forward to continuing to help councils develop innovative and

cost effective solutions to optimise the management of waste and recycling in their communities.

- Would like to thank everyone who participated and attended the three part mini-series on the topic of “Creating a circular economy around organics” facilitated by GHD’s Linda Nordin, with a panel of leading industry professionals, at the end of last year.
- GHD are progressing their work on the Regional Queensland Circular Economy Business Case for Used Tyres, for Tyre Stewardship Australia (with funding from DES and LGAQ). We thank the collaboration with and input from NQROC as a key partner in the project. We look forward to working towards delivering tangible outcomes and collaboration between regional partners.
- A number of landfill stormwater management and closure projects are nearing completion
- The team is progressing leachate treatment and monitoring projects, including PFAS considerations and liaison with government authorities.

GOLDER ASSOCIATES

- Golder’s Waste Management Services continue to be busy throughout Queensland. We welcome Sam Butler, a senior civil engineer and RPEQ to the team in Brisbane.
- Working on delivering a range of challenging and innovative projects. Examples include:
 - Review of temporary wet season pond covers for Burdekin Shire Council
 - Construction quality assurance for piggyback waste cells and a 32 ML leachate pond for Townsville City Council
 - Landfill closure planning for multiple historical sites under the Contaminated Land provisions of the Environmental Protection Act for Mackay Regional Council
 - Capping design project that incorporates large-scale irrigation of treated leachate for City of Darwin
 - Closed landfill design in Rockhampton

Hope to have exciting news to share at the May LAWMAC meeting on expanded waste management capabilities from joining with Global service provider WSP.

PEAK SERVICES

Peak Services has an enviable track record of helping Queensland councils get more out of their workforce, services and assets. Owned by the Local Government Association of Queensland (LGAQ), Peak was established to meet the complex service delivery challenges of local government across Queensland.

Peak Waste and Resource Advisory

Peak helps local governments overcome the evolving challenges faced with waste and resource recovery management service delivery. Our Waste and Resource Advisory team help councils understand waste management requirements, optimise operations, navigate legislative compliance and manage waste cost-effectively.

Our Team Expands - Debbie Spann recently joined Peak Services.

Debbie has more than 21 years’ experience leading complex infrastructure and community development projects in local councils including Sunshine Coast Council, Moreton Bay Regional Council and Moreton Bay Region Area Consultative Committee (ACC) now RDA,

Debbie has a strong record of championing and managing projects from design to commissioning, having worked on landfill construction, foreshore development, utility scale solar and much more.

Manage Waste Strategically - Peak's waste and resource recovery advisory capabilities extend across waste strategy, sustainability, and operations, including:

- Waste strategy (incl. community consultation)
- Cost effective resource recovery options
- Landfill specialist advice
- Waste minimisation/education strategy development
- Landfill full cost pricing
- Project Management / Design Peer Review
- Waste asset management planning (incl asset condition assessments)

CQG CONSULTING

- Commended the value of CQG Consulting's business association with LAWMAC.
- CQG have an office in Gladstone and keen to work with Gladstone Regional Council
- Currently working with a number of LAWMAC Councils on Landfill Closures and CQG is highly skilled in EA Regulatory Compliance, Licenses, Transitions with Closed Landfills.
- CQG Consulting maintains a wide geographical range up and down the Qld coast also working within the sugar industry, waste auditing and Ed Rice specialising in carbon assessments with FoGo.

REGROUP

Just completed the new Cairns MRF and currently building a high capacity MRF in Adelaide, plus a new C & D Facility in Brisbane. Regroup is also working on a MRF in New Zealand.

Opening up new CRS and CDS Depots in Mooloolaba and working on launching a Mobile Phone App to schedule pick-ups.

WRIQ

- Hosting a PFAS Master Class on Thursday 22nd April in Brisbane
- WRIQ Future Leaders is seeking Mentees for 2021
- Australian Battery Recycling Initiative Webinars on 23rd March & 14th April
- Circular Economy Intern Program
- Waste Transport, Storage, Composting Guidelines etc
- Survey in coming weeks looking at User Experience in applying for Govt Funding

MANDALAY TECHNOLOGIES

- Hopefully most of you, as Mandalay customers will have participated in our recent product survey. We have decided to take a different approach in the development of Mandalay's product roadmap and sought feedback from our customer base through the survey which asks customers to help prioritise what is important to them in the way of new functionality. In early April we will be facilitating a webinar to go through the results of the survey and provide some feedback as to the key product areas we will be focusing on during FY21/22.
- Simon will be representing Mandalay at the opening of the Wowan site. We are proud to be partnering with Banana Shire Council in the roll out and implementation of Resident Access Control across their remote sites.
- Mandalay continues to focus on extending and enhancing our Facility Analytics and Reporting tool with customisation soon to be released and scheduled reporting expected in Q1 of FY21/22. We have had very positive feedback so far with several customers participating in product trials resulting in a high percentage of uptake.

SLR CONSULTING

Chris Hambling gave a brief overview of SLR Consulting and its work with a number of LAWMAC Councils in North Queensland specialising in investments and financials services, thanked LAWMAC for the opportunity of becoming an Associate Member and looks forward to working with both Councils and other Associate Members.

CIRCULAR BEGINNINGS

- Working towards finalising Thesis paper "Cracking the Circular Economy Barriers of Queensland Local Governments" by mid-year. Noting not able to share the findings until the paper is accepted by the university examiners.
- Also working with CQG Consulting in a casual role.

ENVIROCOM

- Working with several LAWMAC Councils including Mackay and Mareeba delivering Waste Education and Waste Strategies
- Also working with Cairns Regional Council within its new MRF.
- Alix Baltais is also the Chair of the WMRR Future Leaders Group and currently seeking Young Professionals for nomination.

GENERAL BUSINESS

Jason Grandcourt briefed members on the Executive meeting discussion regarding the success of the \$6m RRTAP Funding Program to support Resource Recovery and Recycling in Regional Qld and the decision that the LAWMAC Executive write to Environment Minister Meaghan Scanlon and DES Director General James Merrick to highlight the opportunities of continuing and strengthening this Program into the future. Individual Executive Councillors also determined to write letters of support to the Minister and Director General - with the endorsement of their Councils.

Members endorsed the proposal that LAWMAC also send a letter collectively in support of the RRTAP continuing as a total of 32 Local Govt projects benefitted from this program through assistance with the logistics of waste transportation in regional and remote areas.

Moved: Cr Belinda Hassan (Mcky)

Seconded: Cr Ross Logan (Cook)

Carried: 11 – 0.

Members also endorsed the proposal that LAWMAC write to Federal Government Funding Body Recycling Modernisation Fund (RMF) outlining the expectations and outcomes at the local government level and for the waste industry by continuing the RRTAP funding program.

Moved: Cr Russ Cook (Cook)

Seconded: Cr Belinda Hassan (Mcky)

Carried: 11 – 0.

Members acknowledged the incredible value of attendance and representation by Kylie Hughes and Cara McNicol at the Gladstone Event and resolved that LAWMAC write to Karen Hussey, Deputy Director-General, Environmental Policy & Programs DES calling for ongoing consistency and commitment at that Officer Level at LAWMAC Workshops and Meetings into the future.

Moved: Cr Neil Fisher (Rkptn)

Seconded: Cr Brett Muller (Crns)

Carried: 11 – 0.

Members agreed that LAWMAC send a letter of invitation to Minister Meaghan Scanlon to attend and present at either the May Meeting in Cairns or the July meeting in Barcaldine.

Moved: Cr Belinda Hassan (Mcky)

Seconded: Cr Neil Fisher (Rkptn)

Carried: 11 – 0.

MEETING DATES and HOST COUNCILS in 2020/21

20th & 21st May 2021 – Host Council - Cairns Regional Council – confirmed.

Following advice on timing of LGAQ Waste Forum in August members agreed to reschedule LAWMAC's August meeting to 22 & 23 July 2021 still at Barcaldine.

22nd & 23rd July 2021 - Host Council – Barcaldine Regional Council

Moved: Cr Neil Fisher (Rkptn) Seconded: Cr Al Grundy (Wtsdy)

Carried: 11 – 0.

18th & 19th November 2021 – Host Council – Whitsunday Regional Council

MEETING CLOSURE

Cr Neil Fisher congratulated Gladstone Regional Council on the successful hosting of the LAWMAC Workshop and Meeting.

Cr Fisher wished all a safe journey back to their respective regions and declared the general meeting closed at 12.15pm.

FMEETING DETAILS	Water and Waste Standing Committee Wednesday 12 May 2021
AUTHOR	Gary Murphy
AUTHOR POSITION	Director Water and Waste

6.1 WATER AND WASTE INFORMATION BULLETIN – MAY 2021

EXECUTIVE SUMMARY

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

OFFICER'S RECOMMENDATION

That the Committee:

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

BACKGROUND

The attached Information Bulletin for May 2021 provides an operational update for Committee review on the Water and Wastewater 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: 5 May 2021

Report authorised by:

JEFF STEWART HARRIS
Director Water and Waste

Date: 6 May 2021

ATTACHMENTS

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

REFERENCE DOCUMENT

Nil

DATE: May 2021

WATER AND WASTE

DIRECTORATE HIGHLIGHTS

- The W&W Leadership Team held the first of four Cultural Leadership Program sessions with all W&W employees in Nebo on Thursday 8 April 2021.
- Clermont 5ML Reservoir Open Day held Thursday 29 April 2021. Great to see the site looking so well presented and we need to maintain now

Emerging Risks

- Pump Station Overflows – we are in receipt of a “show cause” from DES regarding an SPS overflow at Dysart as well as a request to update compliance documents following a SPS overflow at Clermont. A review of our compliance with our Environmental Authority and ERA63 for SPS’s shows our documentation is non compliant and we are lacking some essential documents. We are anticipating a direction from the regulator as expect we may be required to fast track environmental plans such as site based management plans and environmental management plans etc. 20/21 budgets are being reviewed for capacity to fund the required works. We will take this opportunity to set meaningful long term improvement plans for SPS’s.
- Moranbah Landfill Remediation – work continues with the new superintendent to finalise this project. Without Prejudice discussions scheduled with contractor early May and we anticipate further direct supply of materials to complete the contract.

BUSINESS SERVICES

PREVIOUS MONTH’S ACHIEVEMENTS:

- IMS Internal Audits were completed at Carmila and Greenhill Waste Management Facilities in preparation for the October External Surveillance Audit. These audits help embed the IMS principles across all our W&W sites and identify opportunities for improvement.
- The W&W Leadership Team Cultural Leadership Program first of four sessions with all W&W employees was completed in Nebo.
- The IMS Quarterly Management Review occurred this month. These reviews provide the management team with invaluable insights into how the Directorate is tracking against their IMS goals and responsibilities and has led to several important improvement actions.

PREVIOUS MONTH’S ISSUES:

Not applicable.

FINANCIAL REPORT:

- A Q3 Review assessment was completed for the 81000 (Water and Wastewater) Budget Pack. Raw water costs are still pending final determination following recent rainfall and discussions with external suppliers.

DEVIATION FROM BUDGET AND POLICY:

Not applicable.

OPERATIONAL PLAN / BUSINESS PLAN – EXCEPTION REPORTING

PROJECT TITLE	COMMENTS
Implement Clermont Water Quality Response Plan and associated Communication Plan.	The Response Plan has been updated this month. Copies are available on the Council website, were printed for the Clermont 5ML Reservoir Open Day and will be incorporated at the IRC Clermont Show Day Stall.
MiWater/Taggle system review and possible updates.	The team has been working to review the current effects of residential and commercial water leaks, customer service implications and requirements to effectively manage. Since March 2021, Officers have been targeting property owners whose properties are reporting a leak however they are not registered in MiWater and therefore would not receive an alert. There was 400+ properties reporting a leak in February and there are now currently 390. This contact with property owners has also led to a spike in MiWater registrations. There were 112 new registrations in March and 46 new registrations in April.

NEXT MONTH'S PROGRAM:

- During May, the focus of the Business Services team will be finalisation of plans and activities for 21/22. This include rates modelling, budget finalisation and the W&W Annual Performance Plan.
- The W&W Cultural Leadership Program has two (2) sessions booked in Clermont and Moranbah next month and the W&W Management Team are scheduled to go to Mackey for their next WIM Alliance meeting.

DEVELOPING INITIATIVES / ISSUES:

Water Restrictions

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	

Standpipe Exemptions for use during Water Restrictions

APPROVED EXEMPTIONS	TYPE	AVERAGE WEEKLY REPORTED CONSUMPTION	REPORTED USAGE
External Consumer Middlemount	Domestic Human Consumption	388KL	Providing to mine sites.

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	51	285 (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	20	179 (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	6	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	1	39 (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 complaints – Overflow on property and odour < 15 per 1000 connections / year Total Wastewater connection in IRC = 7879 Allowable Target 20/21 118	4	39 (below target)
15	Provision of safe and reliable water supply and effective sewerage transport and treatment services	Total Water and Sewer Complaints (any nature) – < 100 per 1000 connections / year Total Water connection in IRC = 8479 Allowable Target 20/21 848	22	192 (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 **105%**

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 **104%**
- Eungella Dam through either BMA or SunWater's pipelines **83%**

Water used to date:	2019-2020	2020-2021
• BMA:	1824 ML	1801ML
• Dyno:	50 ML	
• Stanmore:	467.8 ML	265ML
• Sunwater:	251.5 ML	180ML
• 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.

- **0** below weir level

No Water Restrictions

Clermont

Clermont's raw water is supplied from Theresa Creek Dam

- **27cm 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 **94%**

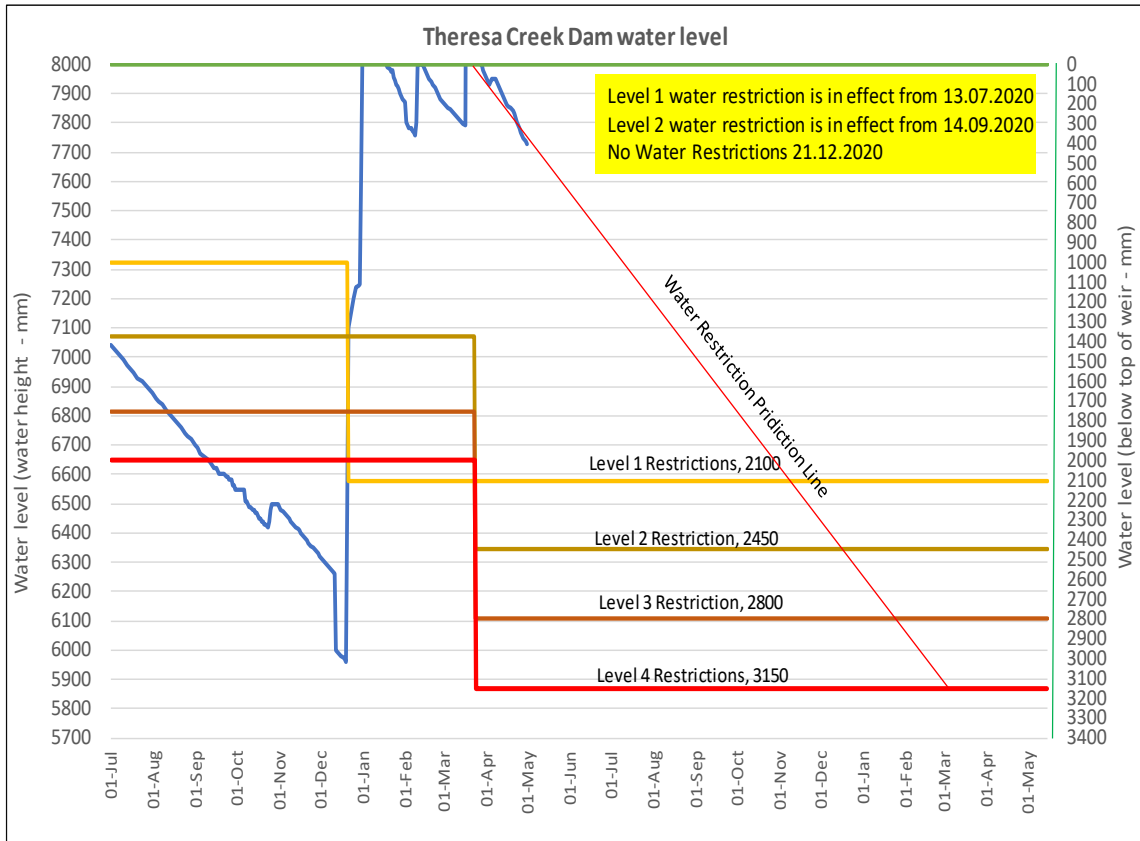
No Water Restrictions

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 **94%**
- Fairbairn Dam **19%**
- Bedford Weir **97%**

Level 3 Water Restrictions



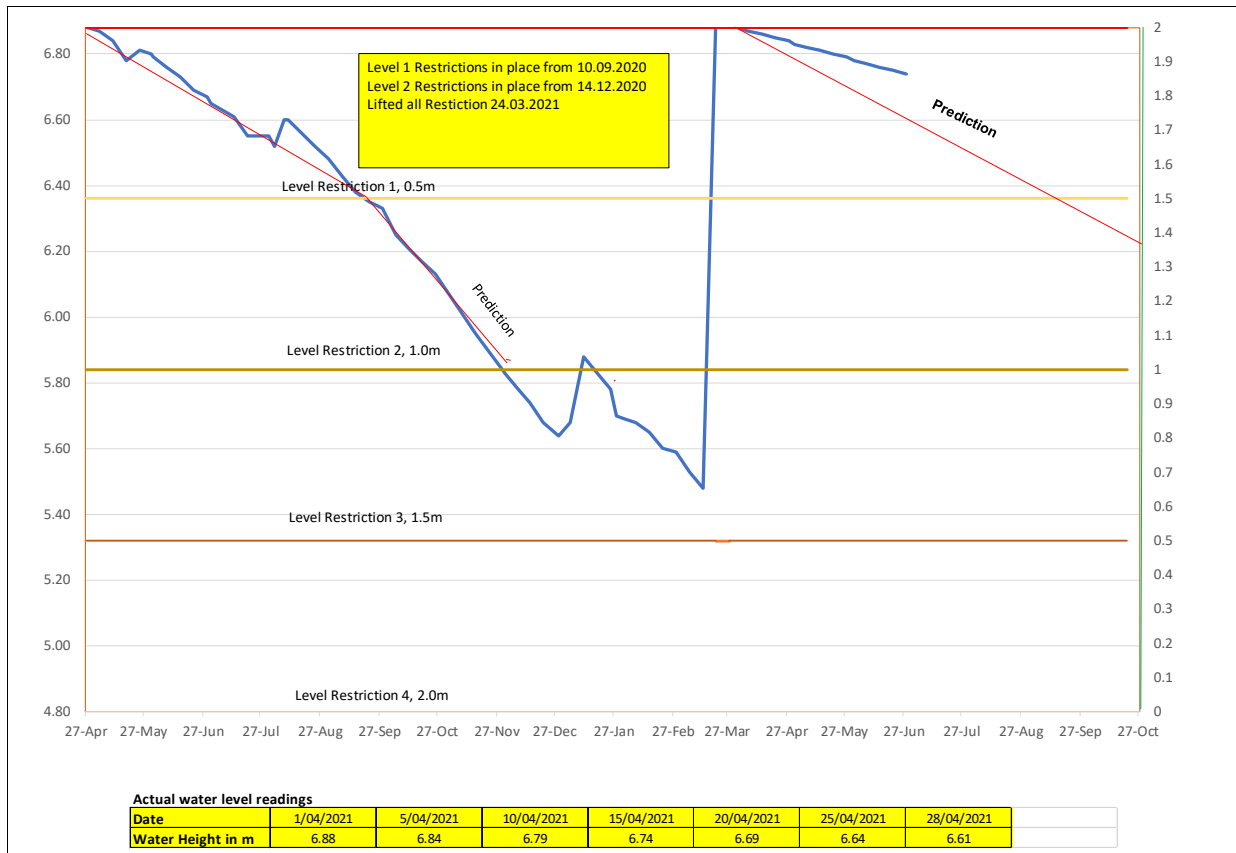
Actual water level readings

Date	1/04/2021	4/04/2021	8/04/2021	12/04/2021	16/04/2021	20/04/2021	24/04/2021	28/04/2021
Water Height in mm	7950	7940	7940	7900	7860	7840	7790	7730

Note: 15mm of Rainfall recorded at Theresa Creek Dam during April.



Theresa Creek Dam Wall 30 April 2021



St Lawrence Water levels. Note: 24mm of Rainfall recorded at St Lawrence Township during April.

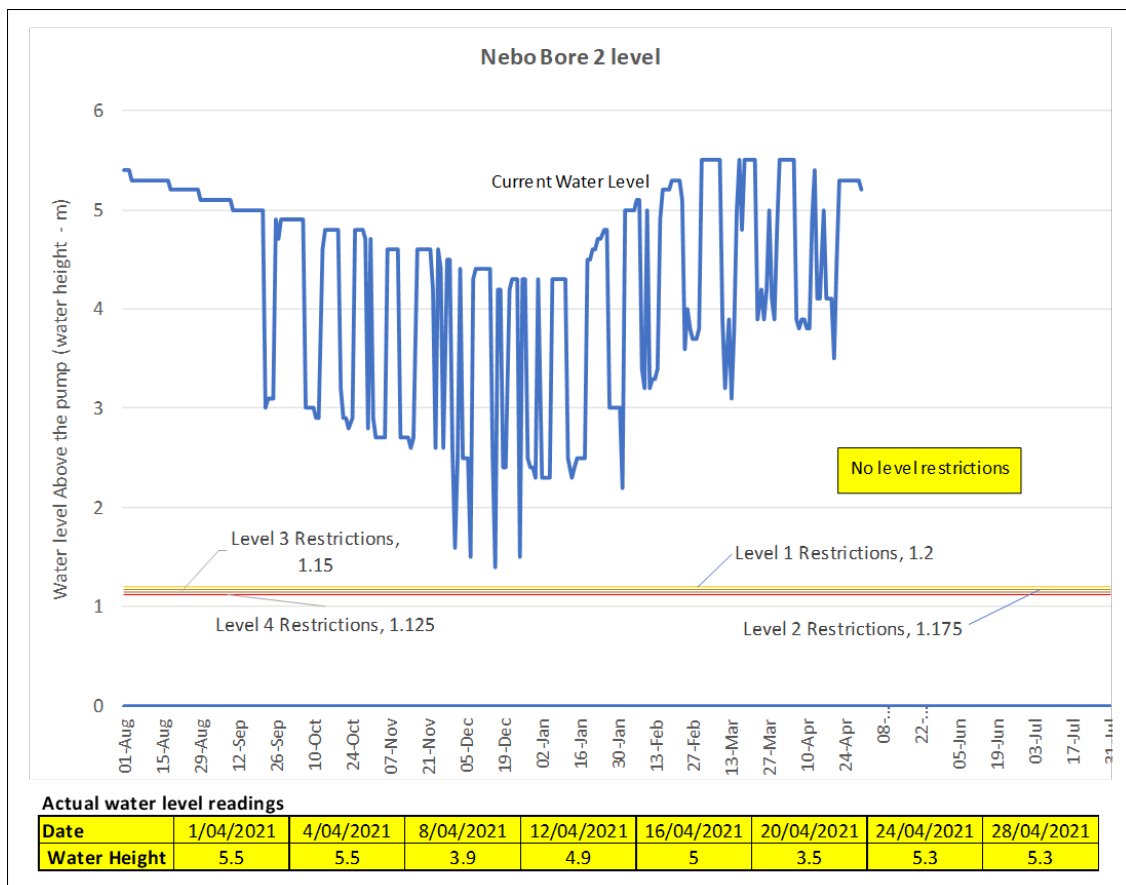


St Lawrence Weir as of 28 April 2020



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

Camila has received 77mm of rain during April 2021.



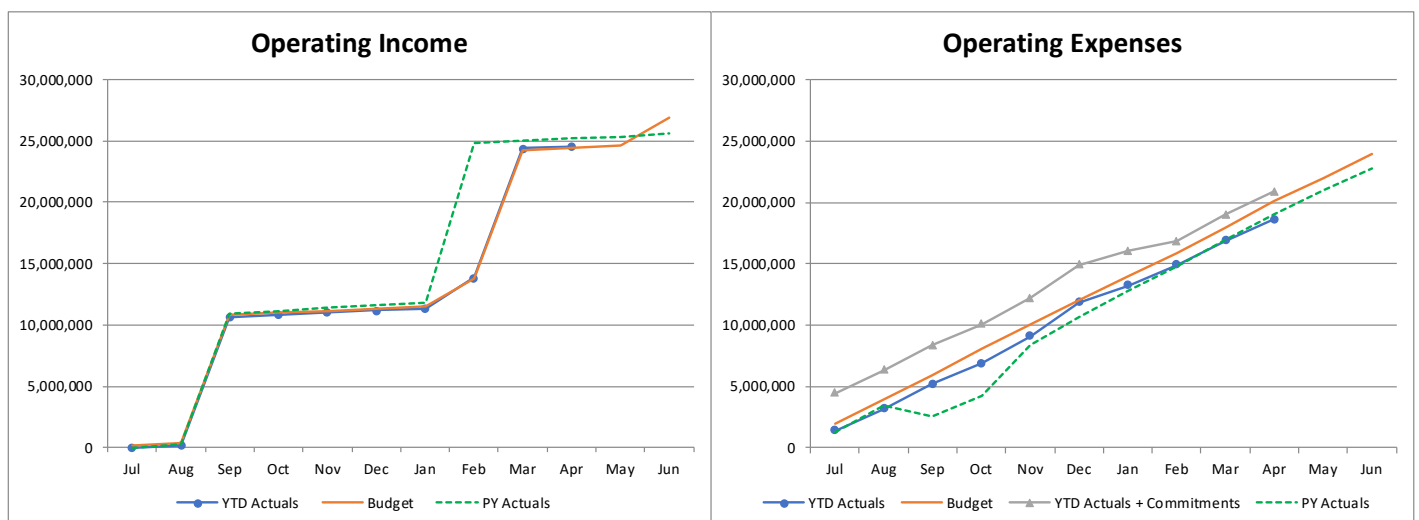
Nebo Bore number 2 water levels. Nebo has received 48mm of rain during April 2021

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
Dysart ESD and WWTP EU	An EU extension has been granted to the 30/06/2021 when project works as described in schedule of works supplied to DES and a final audit has been supplied to the department.	Draft report provided and reviewed with changes requested to finalise report. On track for submission
Sewer Overflow at Dysart	Final report was submitted to the DES	The DES has deemed this release to be in breach of condition 5-L1 of EAEPR00791913. The department is considering enforcement action against Isaac Regional Council for contravening condition 5-L1 of EA EPR00791913. A report is being collated as to why IRC should not be subject to this enforcement action.

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	Draw down has been completed and a report is to be supplied for review from the contractors engaged.
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
Waste Site Based Management Plans	Dec 2021	Next for review
Integrated Environmental Management System (IEMS)	Feb 2021	Further development required. This is considered a priority and changes of the document is required particularly naming to meet the regulatory naming

DEVELOPING INITIATIVES / ISSUES:

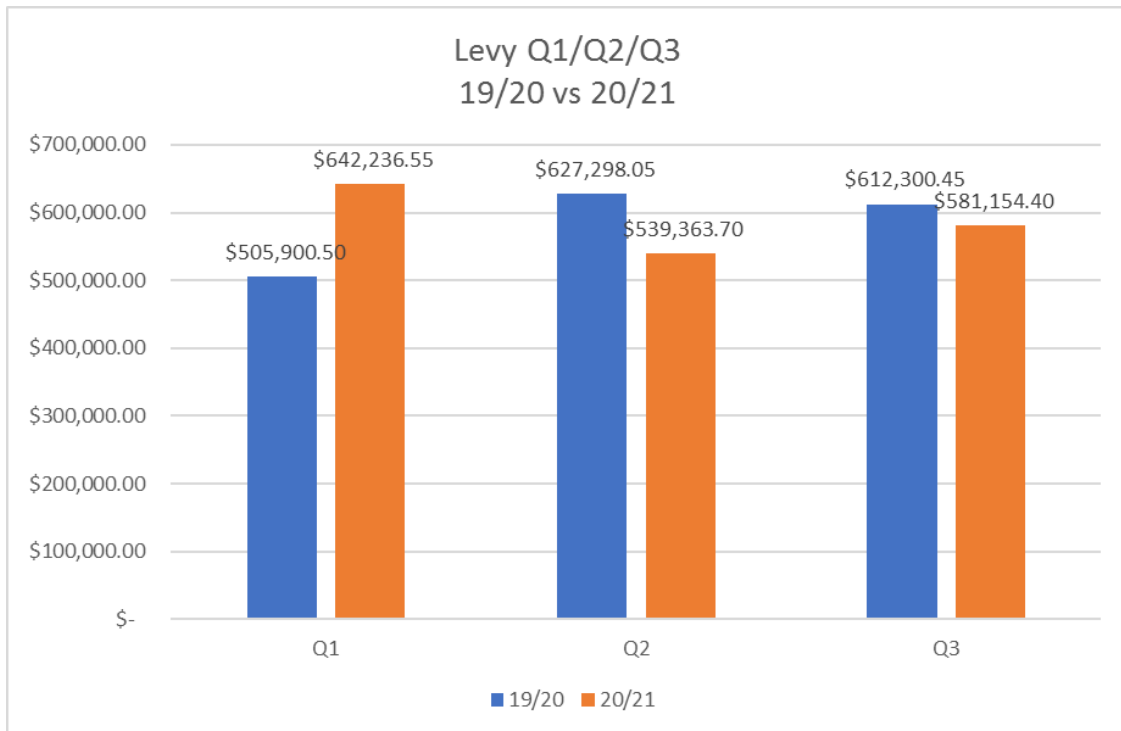
- Dysart overflow report.
- Clermont overflow report.
- Fault finding to prevent future overflows.

WASTE SERVICES

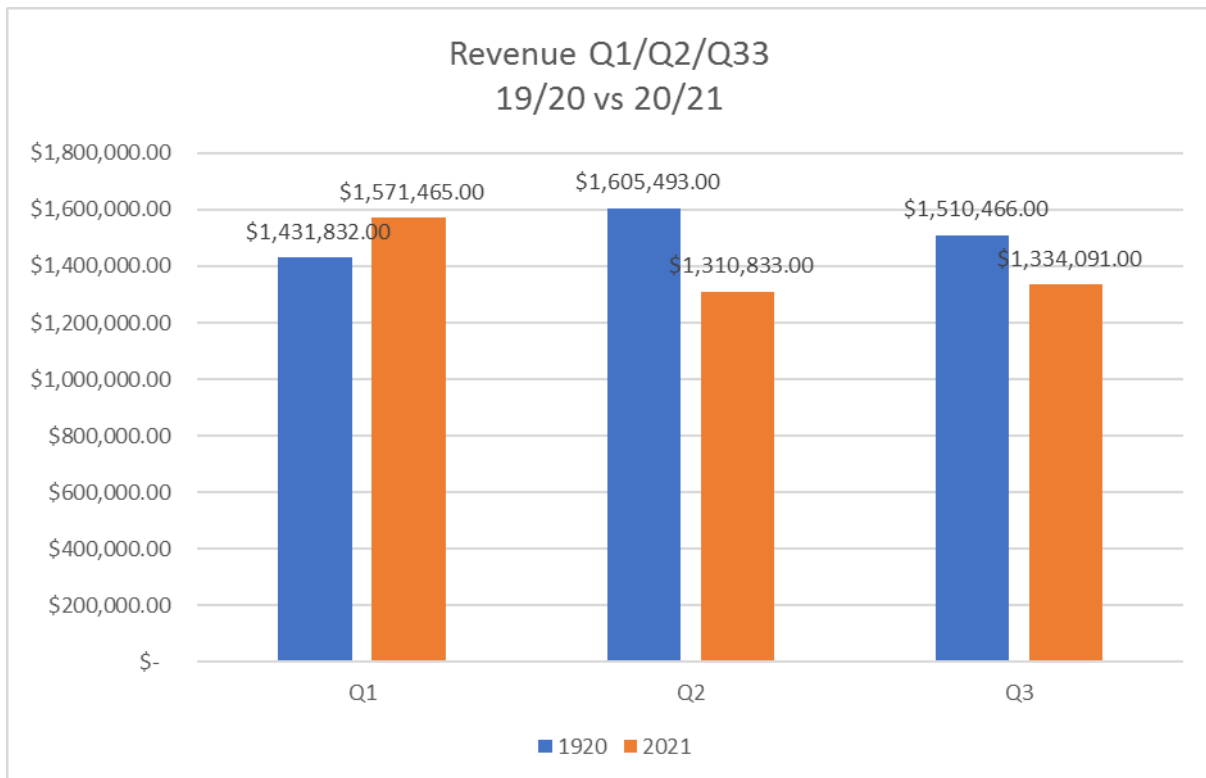
PREVIOUS MONTH'S ACHIEVEMENTS:

Waste Tonnage and Waste Levy

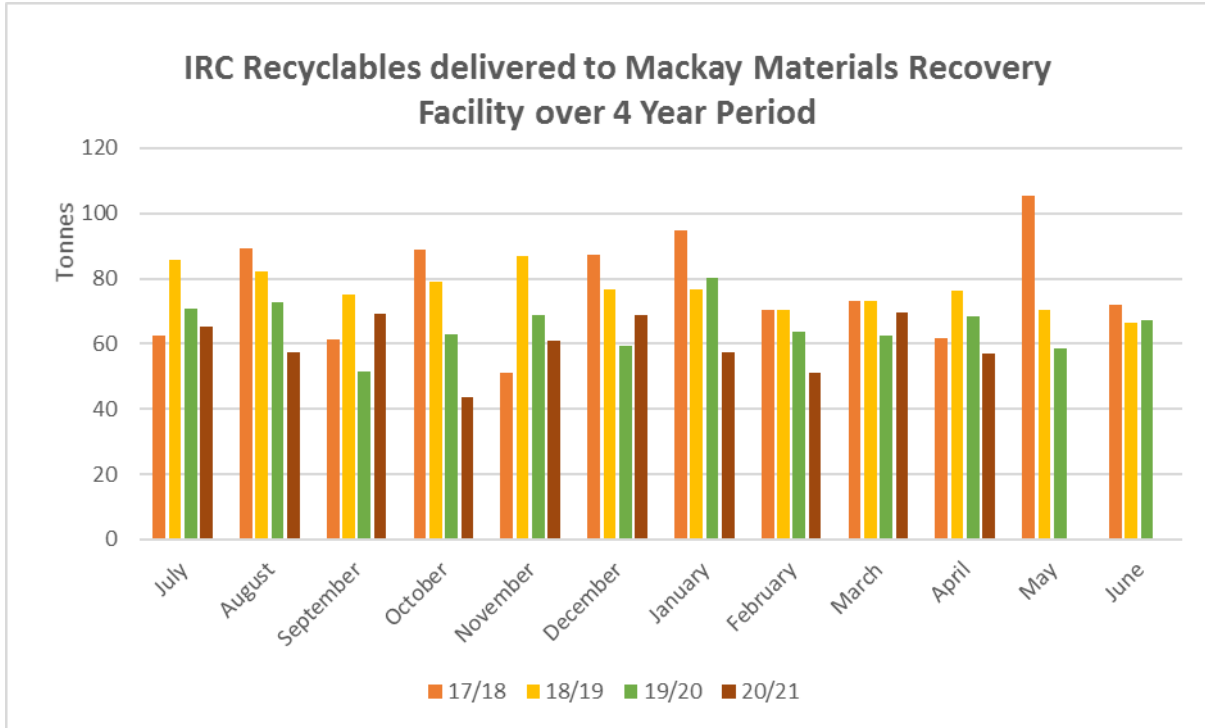
The following diagram shows a comparison of the waste levy paid in 2020-21 compared to 2019-20. There has been a significant decrease during 2020-21, despite the \$5 per tonne increase from January 2021. It is probable that reduced mining activity around Moranbah has resulted in less waste from mines at the landfill. Officers are forecasting an annual landfilled tonnage of just over 30,000 tonnes for 2020-21, down from 32,000 tonnes in 2019-20.



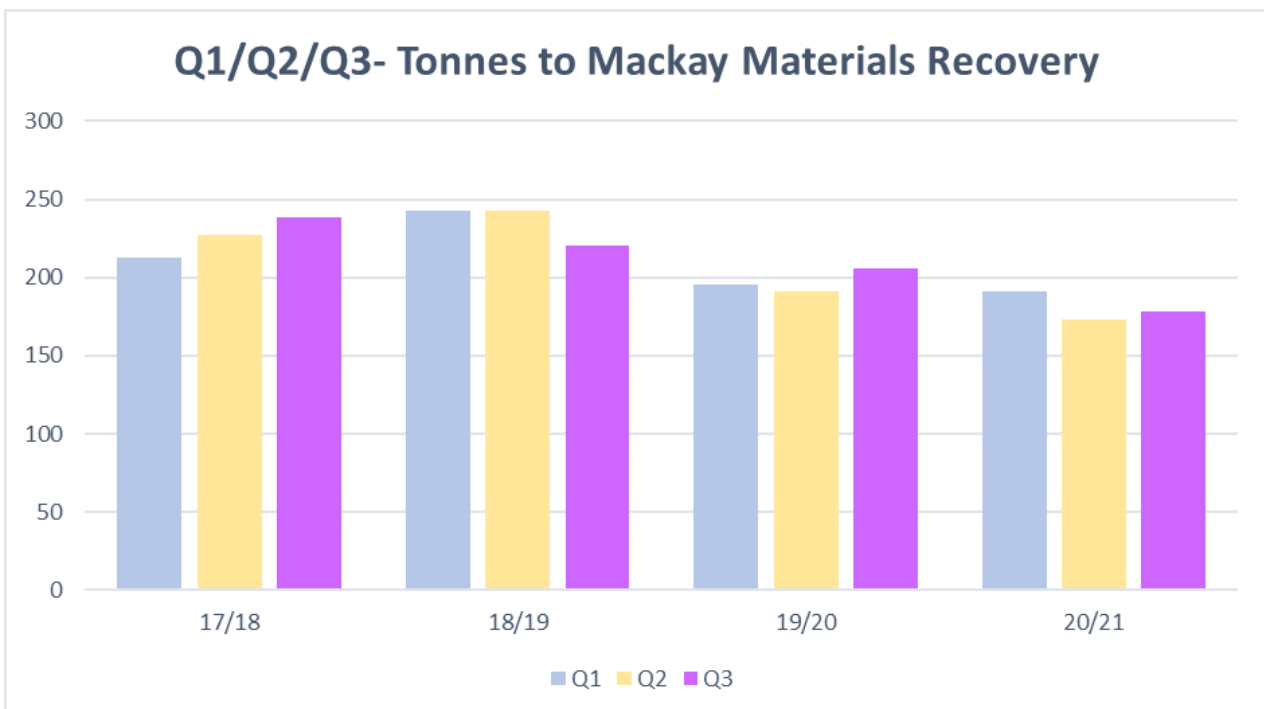
This graph also illustrates the impact of this waste reduction on revenue being raised from landfill gate fees.



MRF Tonnage. This graph shows illustrates the continuing reduced tonnage being collected since the start of the Container Refund Scheme. A new container return point is opening in Moranbah. This may contribute to a further reduction in tannage being collected by IRC’s kerbside colleciton service.

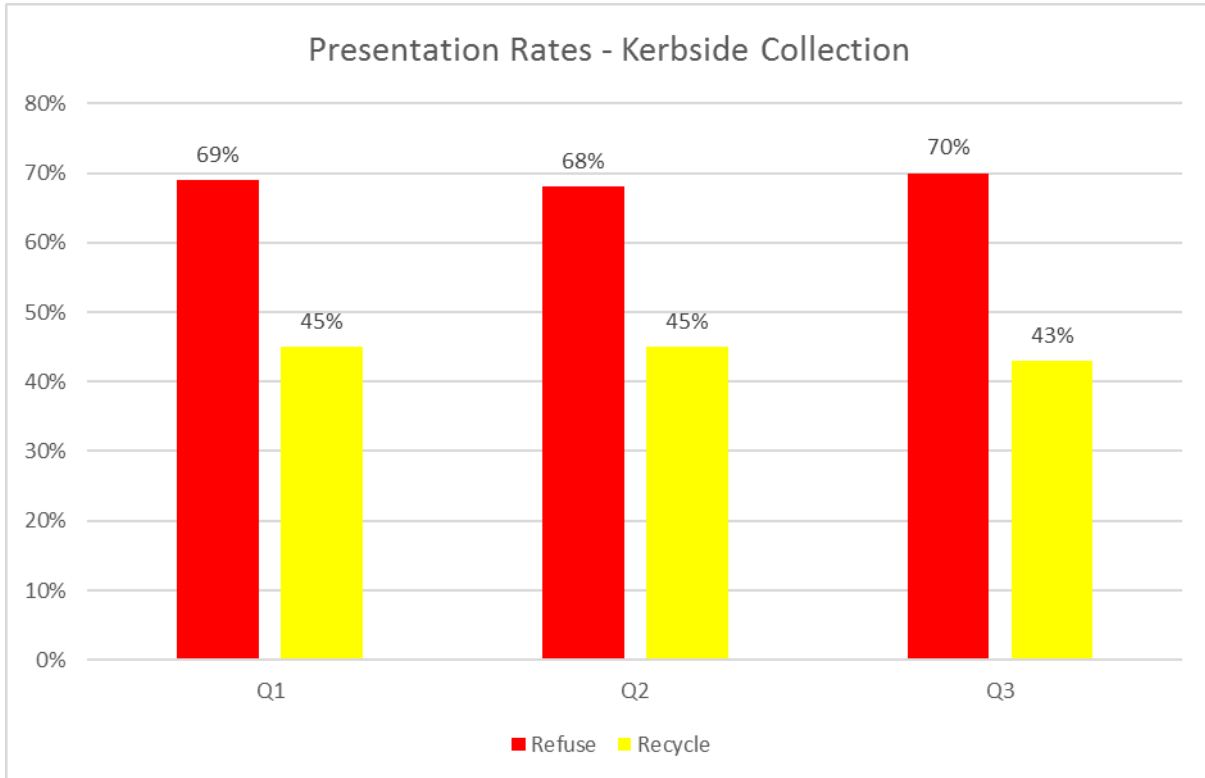


This graph shows a comparison between the past 4 years by Quarter.



Waste Collection

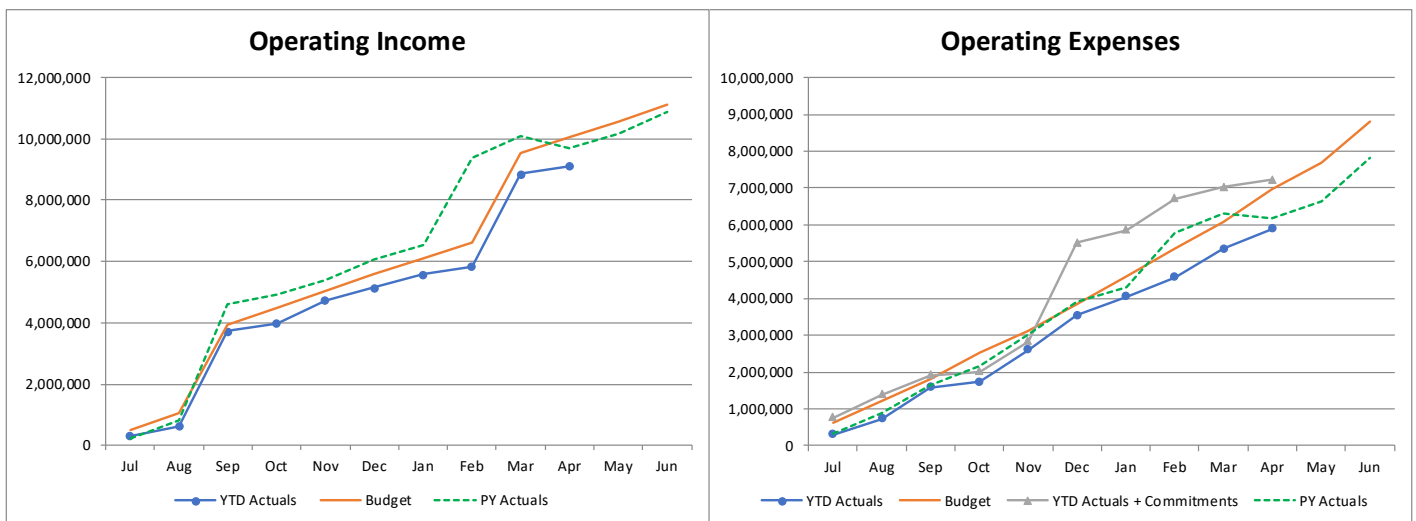
Kerbside Waste Collection. This graph illustrates the participation rates for both the red-top and yellow-top services in the year to date



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 missed services for the month	No of missed bins collected within 36 hours	90% within 36 hours of contractor being notified	No of requests	No of requests completed within 5 working days	90% within 5 working days of request
Q1	104	97	94%	54	53	98%
Q2	91	63	89%	31	27	90%
Q3	195	176	90%	72	66	92%

Waste and Recycling Performance						
KPI	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
	N/A	N/A	N/A	N/A	>25%	
Q1	8174	1595	191	272	17%	48%
Q2	7180	1501	174	268	17%	44%
Q3	7240	2669	178	251	26%	45%

Compliance						
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
Q1		0 required	1	1		18070
Q2		2	2	2		20907
Q3		2 of 5 did not meet KPI >7 days	1	2		20324

NEXT MONTH'S PROGRAM:

Scheduled to Commence During Next Month

Project Name/ Description	Scheduled End Date	Comments/Exceptions
Green Waste Tender	30 April 2021	Tender Closed on 01 April
Amnesty Days	31 May 2021	

DEVELOPING INITIATIVES / ISSUES:

New Contractor Performance Monitoring / Environmental Monitoring system at Moranbah – see examples below.

LITTER RECORDING

DATE	LITTER AROUND SITE 0 BEING LOW TO 5 BEING HIGH	LOCATION:	NAME OF PERSON RECORDING (CONTRACTOR OR IRC STAFF MEMBER)
27/04/2021	0	Transfer Station	Leeza Pearson
27/04/2021	0	Second hand area	Leeza Pearson
28/04/2021	1	Transfer Station	DIANNE CLOUGH
28/04/2021	1	Transfer Station	Leeza Pearson
29/04/2021	1	kalari fence	DIANNE CLOUGH
29/04/2021	1	Transfer Station/Greenwaste	DIANNE CLOUGH
30/04/2021	1	opposite coates	DIANNE CLOUGH
30/04/2021	0	opposite coates	DIANNE CLOUGH
1/05/2021	0	KALARI FENCE	DIANNE CLOUGH
1/05/2021	0	TRANSFER STATION	DIANNE CLOUGH
2/05/2021	1	GREEN WASTE DRAIN	Leeza Pearson
2/05/2021	1	TRANSFER STATION	Leeza Pearson
4/05/2021	0	TRANSFER STATION	Naveen Vemuri

FLY RECORD

DATE	FLIES AROUND SITE 0 BEING LOW TO 5 BEING HIGH	LOCATION:	NAME (CONTRACTOR OR IRC STAFF MEMBER)	COMMENTS
		TIPFACE TRANSFER STATION OFFICE		
27/04/2021	0	Office	Leeza Pearson	N/A
27/04/2021	1		Leeza Pearson	N/A
28/04/2021	1	Office	DIANNE CLOUGH	N/A
28/04/2021	1	Office	Leeza Pearson	N/A
29/04/2021	2	Office	DIANNE CLOUGH	N/A
29/04/2021	2	Transfer Station	DIANNE CLOUGH	N/A
30/04/2021	2	Office	DIANNE CLOUGH	N/A
30/04/2021	1	Office	DIANNE CLOUGH	N/A
1/05/2021	1	Office	DIANNE CLOUGH	N/A
1/05/2021	2	Transfer Station	DIANNE CLOUGH	N/A
2/05/2021	1	Office	Leeza Pearson	N/A
2/05/2021	1	Transfer Station	Leeza Pearson	N/A
4/05/2021	2	Transfer Station	Naveen Vemuri	N/A

ODOUR LOG - MORANBAH WASTE MANAGEMENT FACILITY

DATE	NAME	TIME FRAME at Location and Awake	TIME FRAME Odour Detectable	ODOUR			WIND		CLOUD COVER	COMMENT (Any obvious reasons i.e a smelly kerbside or FEL vehicle)
				INTENSITY	SOURCE	DESCRIPTION	DIRECTION	STRENGTH		
		The time that you are present at the site. Your working hours on the day.		0 - None 1 - Very Weak 2 - Weak 3 - Distinct 4 - Strong 5 - Very Strong 6 - Extremely Strong	Tip face RRR Stockpile Vehicle (rego) Etc...	Give example or comparison if possible	Check Wind sock Example "South" means from the South	1 - G - Gaim 2 - W - Weak 3 - M - Medium 4 - S - Strong 5 - G - Gusty	CL - Clear OC - Overcast LC - Light Cloud HC - Heavy Cloud R - Rain	
EXAMPLE 8 March 2021	Sara Sheridan	7:30am to 16:00pm	9:00am -9:30am -half hour	1	5 FEL truck 123ABC	Bottom Mast	South	DP 2	CL	was standing in the transfer station the smell was coming from the direction of the weighbridge. A FEL had just left the WS
27/04/2021	Laeza Pearson	6:45am to 17:15pm	7:15am -7:45am half hour	DP	2 Tip face	Tip Waste	East	DP 2	CL	During sight drive before opening to customers stopped at cell and checked on order
27/04/2021	Laeza Pearson	6:45am to 17:15pm	2:30am to 3:00am	DP	2 RRA	General Waste	East	DP 2	CL	During manning of the transfer station odour was assessed as a low impact
28/04/2021	Dianne Clough	6:45am to 17:15pm	10:30am to 11:00am	1	3 tip face	Tip Waste	East	DP 3	CL	During site drive notice a distinct smell coming from cell
28/04/2021	Laeza Pearson	6:45am to 17:15pm	14:30pm to 15:00pm	DP	5 tip wind sock	General Waste	North	DP 2	CL	Whilst checking fuel level on Leachate pump odour was pungent
29/04/2021	Dianne Clough	6:45am to 17:15pm	7:30am to 8am	DP	2 tip wind sock	General Waste	East	DP 1	CL	during morning site drive we assessed odour it was weak
29/04/2021	Dianne Clough	6:45am to 17:15pm	14:00 to 14:30	1	3 tip wind sock	General Waste	East	DP 3	OC	a distinct smell coming from tipface
30/04/2021	Dianne Clough	6:45am to 17:15pm	8:00am to 9:30am	1	3 tip wind sock	General Waste	East	DP 1	OC	whilst doing site drive noticed weak smell coming from tipface
30/04/2021	Dianne Clough	6:45am to 17:15pm	15:45 to 16:45	1	3 tip wind sock	General Waste	East	DP 1	OC	a distinct smell coming from tipface after compactor dumped rubbish
1/05/2021	Dianne Clough	6:45am to 15:15pm	9:00am to 9:30AM	DP	4 near Leachate pump	General Waste	East	DP 1	CL	during site drive notice small coming from tipface this may have been due to 3 boys were emptied prior to drive around
1/05/2021	Dianne Clough	6:45AM TO 15:15PM	14:00PM TO 14:30PM	1	3 NE.WE WINDSOCK	General Waste	E:SE	DP 1	CL	still a distinct smell but better than in the morning due to rubbish being pushed out and w/less beginning to cover with clean soil
2/05/2021	Laeza Pearson	6:45AM TO 15:15	9:00AM TO 14:30	1	3 NE.WE WINDSOCK	General Waste	E:SE	DP 2	CL	Still a distinct smell but better due to some dirt coverage that has been don't this morning will be cleared
2/05/2021	Laeza Pearson	6:45am to 15:15pm	14:00AM TO 14:30	DP	2 near Leachate pump	General Waste	E:SE	DP 2	CL	Still a smell but noticeably less of a order due to dirt coverage
4/05/2021	Naveen Vemuri	6:45am to 17:15pm	7:00am to 13:00	1	5 near Leachate pump	General Waste	West	DP 3	CL	Still its smell but not strong but we have more flies

PLANNING & PROJECT DELIVERY

PREVIOUS MONTH'S ACHIEVEMENTS:

Significant Projects Update:

5 ML Reservoir Opening

Thank you for attending the opening, even though there were few public members attend the acknowledgement of the team and contractor was valuable. There are definitely lessons learnt from the project for which the formal process has not occurred yet. Punch list of outstanding items was completed 28 April 2021. Project now completed, with finalisation process now underway.

CW212861 Water Mains Replacement – Lime and East Street

This project has reached practical completion which was issued on 21 April 2021. The contractor has demobilised with the new water mains are fully operational. This project was completed on time with budget savings on the contract value. There was some public impact while minimal and when the wet weather event occurred with scouring of materials being washed away. Rectification works was required, and the team worked the environment office to reduce impacts. Overall a good project.



CW202807 Theresa Creek Dredging Project

The dredging project is progressing well with volumes being extracted on track with program. There has been some extent of rock being retrieved which differs from the as constructed plans. There has been approximately 4000 cubic meters removed with 12 geobags being filled at the moment. There is residual funds available with negotiations occurring to extract additional volumes to fully utilise funding monies. Any additional scope will follow the variations process with approval and signoff.



Figure 1- Showing the geotubes with some areas starting to dry out



Figure 2 – This is the view from inside the cabin on the barge looking back at the tower on the left hand side of the photo.

CW182564 Capricorn Reservoir Project

The leak on the overflow pipe was repaired by the contractor, unfortunately it has not completely solved. Currently waiting for the contractor to provide a new methodology on how the rectification will occur. It is important that the solution provides a robust long-term solution not just a band aid which may require ongoing maintenance. Commissioning of the reservoir has been put on hold until such time that the leak is fixed.

CW202809 Moranbah Landfill Remediation

Project awarded at Ordinary Meeting 28/04/2020 to Synergy Resource Management. Revised project estimates now \$5,000,000. Current expenditure is sitting at \$2.6M Contractor has completed the 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 due to issues between the principal contractor and the local sub-contractor supplying the material. Progress has been slow, with the contractor is likely to be 6 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 external Superintendent has been appointed to assist with the closing out of this project. The Project Team has also concerns relating to the financial stability of the Principal Contractor, with legal advice sought to address this issue, and other project issues currently being experienced. The contractors revised program has PC and 19 May 2021. However, the project team don't expect this work to be completed before mid-June 2021.

There is a 'Without Prejudice' Meeting to occur Tuesday 4th May between the contractor, Superintendent and IRC representatives.

CW182580 MBH STP – Belt Filter Press

There has been good progress made on this project. There is currently a variation being considered which has been driven by trying to respectively install equipment which was bought and housed in a container for 5 years with some missing pieces and some failed.



CW182537 400ML Raw Water Storage Dam

The offer from the Department has been accepted and the deposit paid in order secure offer prior to lapse date. Currently we are working with Manager of Procurement who have engaged knowledge expert in native title to manage the conditions of the offer.

Clermont Water Quality Response 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	Construction at both treatment plants have commenced, on track to be completed by end of May

Program Activities

- Gateway 3 assessment of PAG submissions undertaking by the panel.
- Preferred candidate for Water and Sewer Planning Engineer
- As part of the Q3 review there were several projects which were flagged for potential carry forward. The table below identifies the relevant projects and some commentary for delay. Carry forward projects currently sits at \$2.35 M.

Project	Commentary	Value of CF
400 ML Raw water dam	Negotiations with State over land tenure have been prolonged and offer to secure less than originally anticipated.	\$500K
Sewer Relining Project	This has been a pre-emptive flag, based on realistic program. Adopted a 60/40 split for cash flow.	\$400K
Water Treatment Plants Old/failed Equipment	Not going to be expended, planning main reasons for not fully scoping and spending	195K
CLM WTP – Water quality Response	The inline analysers will be carried over and there is unallocated funds which will be used towards further SCADA improvements on the plant.	\$260k
Dysart STP - Optimisation	There are 3 packages of works; with the Electrical package increasing in scope when fully assessed the activities. The tender is currently out to tender and the works will occur 1st Qtr next FY.	\$53K
Retaining Walls at Greenhill and Carmila Transfer Stations	Delay in issuing due to survey identifying changes to design being required. Also pre-empting market conditions and available contractors.	\$260K
CORP – SPS renewal Program. Emergent works on Dysart SPS 2	Emergent works at Dysart SPS2, currently tender being finalised for award in next week. Realistically the work will not be completed so have allowed for 50% carry forward.	\$80K
CORP potable water meter	Delay in scoping some activities	\$50K
Caravan Dump Points	Delay to issuing tender documents, small job however there is risk dependant on contractor program.	\$40K

PREVIOUS MONTH'S ISSUES:

Not applicable.

FINANCIAL REPORT:

2020/21 CAPEX Program Cost Status Summary

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

- a. Progress;
- b. Exceptions; and
- c. Deviations on the capital projects.

As at 28/04/2021, Water and Wastewater actual expenditure totals \$6,510,223 representing 48% of annual approved budget (20-21 - \$14,031,875 adjusted down @Q2 to \$13,485,060) and a total spend inclusive of tender commitments of \$10,859,269 which represents 80% of annual approved budget.

As at 23 February 2021, Waste Services actual expenditure totals \$2,915,411 representing 50% of annual approved budget (20-21 - \$5,925,687 adjusted down @Q2 to \$5,794,510), and a total spend inclusive of tender commitments of \$5,537,097 which represents 95% of annual approved budget.

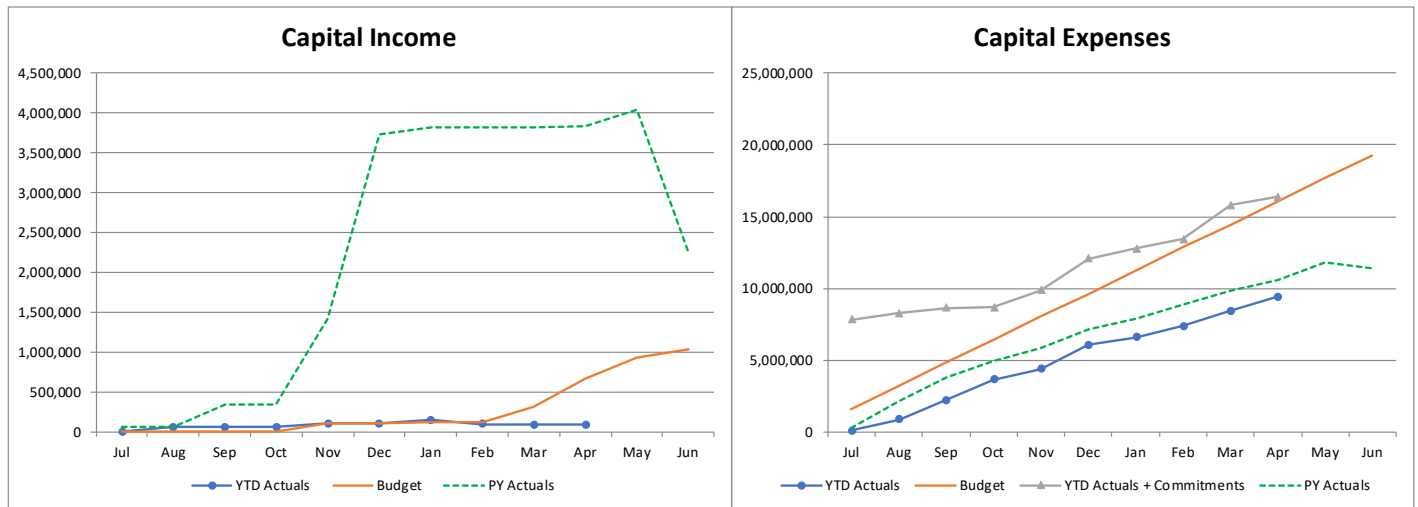
The combined Water & Waste actual expenditure totals \$9,425,634 representing 48% of annual approved budget (20-21 - \$20,093,605 adjusted down @ Q2 to \$19,279,570) and a total spend inclusive of tender commitments of \$16,396,366 representing 85% of annual approved budget.

EXPENDITURE SUMMARY

Water & Wastewater	March 2021	April 2021
Actual CF plus 19/20 Program Expenditure to date	\$5,706,942	\$6,510,223
Actual Program Expenditure including Tender commitments to date	\$10,802,437	\$10,859,269
Waste		
Actual CF plus 19/20 Program Expenditure to date	\$2,746,753	\$2,915,411
Actual Program Expenditure including Tender commitments to date	\$4,981,069	\$5,537,097

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: <ul style="list-style-type: none"> >90% of capital program delivered to budget 	Monitor
		Implementation of effective project and contract management systems and procedures: <ul style="list-style-type: none"> >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
CW182563	MMT WTP Reroof Clearwater Tanks 1 & 2	
CW182564	CORP WTP clearwater tank upgrades (Capricorn St Reservoir)	
CW182580	Old Failed equipment (MBH WWTP Belt press)	MBH BFP: Shed complete, civils completed, and physical BFP equipment almost complete. Electrical, replacement of damaged parts (equipment was in storage ~8 yrs) and commissioning planned for May 2021
CW192733	CLM STP Upgrade works	Chlorine Duplication project: Portable water upgrade, asbestos removed and building expansion complete. Building rewiring last week April. Commissioning both Cylinders schedule for 1st week May, with rest activities to be completion during May 2021.

NEW CAPITAL WORKS PROJECTS (FY20/21)

INFORMATION BULLETIN

CW212857	CAR Transfer Station – retaining wall	Combined with Greenhills transfer station project. Detailed survey of existing surface at both sites completed to allow finalisation of design. Designers currently revising the design to suit the existing terrain. RFT documentation being developed. Anticipate construction works to go out for Tender in May 2021. Project will likely carryover into Q1 2021/22.
CW212861	CORP Water mains replacement program	See commentary above
CW212862	GNH Transfer Station – retaining wall	See above comments CW212857
CW212863	CORP Water Valve & Hydrant Repair/Replacement	RFQ closed and evaluations complete for valve and hydrant replacements on Flinders Dr and McCool St in MBH. Expect award to the successful contractor by 7/5/2021 with works to be completed by June.
CW212864	CORP SN main relining program	Project awarded to Relining Solutions. Initial cleaning and CCTV investigations completed in Middlemount 26/03/2021, review of CCTV footage completed and SOW confirmed. Commencement of relining works delayed due to wet weather delays on current commitments by the Contractor in FNQ, now expected to commence in Clermont mid-May 2021 followed by Middlemount. Potential for 3 x relining crews to work concurrently to complete the works. This has been flagged as potential to be carryover however will continue to manage the contractor to meet timeframes committed.
CW212865	CORP STP replace old/failed equipment	
CW212866	CORP - SPS Renewal Program	NBO & GLN SPS: Upgrade underway, expected completion June 2021. Work with the Moranbah package of works going. Works are to commence at SPS02 (Golf course) during May. Part of the funding requires engagement with the Golf Club. DYS SPS02 RFQ evaluated & award to be done.
CW212867	CORP WTP replace old/failed equipment	
CW212868	CORP Telemetry upgrades to WWTPs	Reactive type projects, working with operations team to identify and replace assets.
CW212869	CORP potable water meter install parks &	
CW212870	CORP Telemetry upgrades to WTPs	
CW212875	Caravan Dump Points - MBH & MMT	The tender documents need to be finalised in order to issue for construction.
CW212936	CORP – SN Manhole rehabilitation	Additional funding to cover budget shortfall and authorisation of award to Nixon Plumbing approved at IRC Council Meeting

		24/3/2021. Works commenced on site 27/04/2021, potential for delays due to supply issues for precast components.
CW212939	CLM STP Lighting Rectification	Evaluation complete. Recommendation report prepared for approval.
CW212940	CLM WTP Quality Response Action Works	Contract has been awarded with works nearly completed 90%. Lighting will be completed by mid April 2021.
CW212941	DYS STP - optimisation of plant	Concrete Infrastructure report has been awarded, with site inspected conducted, waiting for camera operator and report. Building Works: Was awarded in mid April, with construction to occur in May/June. Electrical/SCADA: RFQ issued and to close on 5 May, with this component identified to be carry forward into Qrt 1 next FY.
CW212942	DYS WTP waste stream return	Main portion of the project is completed with both new pumps operational. Require connection into the PLC/SCADA, which is to be completed in May (been a delay with a subcontractor).

DEVELOPING INITIATIVES / ISSUES:

- Converting commitments to actuals will be challenging however will continue to push to achieve the highest outcome for the capital program.
- Starting to forecast for capital program next year, there are some projects which are non-discretionary so pushing on with pre-planning and early design will be important to commence next FY year with some momentum.

Report authorised by:

GARY MURPHY

Director Water and Waste

Date: 4 May 2021

ATTACHMENTS

- CONFIDENTIAL Attachment 1a – Water and Waste Capital Projects April 2020 / 2021 Fin Year

PAGES 60 TO 61 HAVE INTENTIONALLY BEEN REMOVED DUE TO CONFIDENTIAL REASONS