



Townsville City Council

RECYCLED STUBBIES PAVING TOWNSVILLE'S FUTURE

Townsville's state-of-the-art Material Recovery Facility is paving its way to success – turning empty jam jars and stubbies into sand used in construction materials such as pavers and asphalt.

Townsville Mayor Jenny Hill said glass bottles and jars were crushed at the Facility and turned into special sand, which was used to build infrastructure throughout Townsville.

"Most of the glass sand is used locally and goes into asphalt for making roads, building products such as masonry blocks for construction and civil applications such as pipe bedding," Cr Hill said.

"This innovation is saving thousands of tonnes of product being taken to recycling plants down south.

"We are gradually increasing the amount of sand produced from glass to build more roads and potentially even use it to lay bedding for the new water pipeline."

Townsville Waste Services Team Manager Matthew McCarthy said Council was always looking for ways to reuse our products locally in North Queensland.

"We have used 40 tonnes of the recycled sand in the road at the new Stuart Waste Transfer Station – that's about 240,000 stubbies," Mr McCarthy said.

"We are turning unwanted bottles and jars into a product that can be sold and used in building and infrastructure projects in our community.

"Council is committed to finding new and innovative ways to reduce waste, protect the environment and help to create jobs."

15,000 tonnes of recyclable materials are taken to the facility from Townsville, Burdekin, Hinchinbrook and Whitsundays region each year.
https://www.facebook.com/WINNewsTownsville/videos/1791811317603690/?hc_ref=ARRqCmxEhRoi5LescD880TWYIXVOB_XCCHqYHoJz_cUEJ95wJ9pxH4-az1MJGcWLk8



Also in this edition:

<i>Townsville City Council</i>	1
RECYCLED STUBBIES PAVING TOWNSVILLE'S FUTURE	1
<i>Rockhampton Regional Council</i>	2
Efforts not WASTED on LAWMAC	2
<i>Mandalay Technologies Pty Ltd</i>	4
WHAT'S MANDALAY WORKING ON: LEVY READINESS	4
<i>University of Queensland</i>	6
NEW CENTRE FOR RECYCLING OF ORGANIC WASTE AND NUTRIENTS (CROWN) IS HERE TO HELP	6
<i>LAWMAC</i>	8
LAWMAC POLO SHIRTS	8
THE NEW LOOK WEBSITE	8



Rockhampton Regional Council

Efforts not WASTED on LAWMAC

Customs House proved to be a wonderful venue for two days where Rockhampton hosted the LAWMAC 2018 Annual General Meeting and General Meeting for August, a comprehensive workshop regarding the management of Closed Landfills and a Tour of Kershaw Gardens as a closed landfill site and Lakes Creek Road Waste Management Facility.

Attendees enjoyed the beautiful Rockhampton CBD with a pre-dinner function hosted by LAWMAC associate member, CQG, at Cattle House overlooking the river and dinner at the Boat House with attendees staying within CBD accommodation.

L-R Cr Neil Fisher (Rockhampton Regional Council), Cr Alan Wilson (Cook Shire Council and outgoing LAWMAC Chair), Cr Glenn Raleigh (Cassowary Coast Regional Council & current LAWMAC Chair), Steve Cosatto (Cairns Regional Council Waste Manager and winner of lucky door prize,) Michael O'Keeffe (Manager Rockhampton Regional Waste and Recycling).



L-R Cr Andrew Lancini (Hinchinbrook Shire Council) and Cr Ayril Paton (Mackay Regional Council) Cr Alan Wilson (Cook Shire Council and outgoing LAWMAC Chair), Mary Field (LAWMAC Secretary), Cr Glenn Raleigh (Cassowary Coast Regional Council & incoming LAWMAC Chair), and Cr Neil Fisher (Rockhampton Regional Council)

Approximately sixty attendees including Councillors, Officers and consultants were impressed over the two days with the running of the event and professional appearance of the Lakes Creek Road Waste Management Facility. Promotion to minimising waste with no plastic, and no disposable catering was also recognised by all with many positive comments to Cr Fisher and Michael O’Keeffe. Council hired sponsored crockery and cutlery, there were no water bottles, with the waste free option of chilled water dispenser and glasses very popular, and the caterers supported the efforts with no plastic including aluminium foil wrap and compostable napkins and skewers. Food scraps were taken by caterers for composting and to feed their chickens. At the end of two days there was less than a garbage bag full of waste in the bin to go to landfill.

Cr Fisher was pleased with the response to the waste free initiative of the event and hopes to promote it to policy across Council for future events.



No plastic wrap catering



Non-disposable catering



WHAT'S MANDALAY WORKING ON: LEVY READINESS

As you will all be aware, the Waste Levy commencement day of 4th March is drawing closer, and the close out date for grant funding applications is also almost upon us. Mandalay Tech has been working closely with Council and Commercial waste facility teams and the Department of Environment and Science to assist in levy preparation and are offering a number of support opportunities in doing so:

Levy Readiness Checklist

Are you levy ready? And are you using the Mandalay Levy Ready Checklist?

We recommend a series of key focus areas to assist you to plan, organise and manage levy preparedness across multiple organisational departments, with a focus on these 8 areas:

- Communication
- Data
- Exemptions
- Operations
- People
- Process
- Reporting
- Levy Team and Roles

If you need a copy of the checklist, or support to work your way through any or all of the areas above, don't hesitate to get in touch with our Consulting Team.

Webinar Series & Facilitated Group Discussions

Mandalay has been hosting a series of Webinars with a sole focus of levy readiness, with Webinar 4 due to kick off in Mid-October. We have also had some great feedback from attendees which has led us to expand the Webinar series to incorporate targeted online discussions, whereby a Qld Waste operator hosts, and Mandalay facilitates, a discussion about a specific topic area. September saw great engagement in our RRA hosted

discussion led by the team at Rockhampton Regional Council, and two more sessions are being scheduled now. Discussion group 2 will be hosted by Townsville City Council with a focus on Exemption processes, and discussion group 3 will be specific to Pricing Methods: levy price inclusive or exclusive. If you or your team aren't currently receiving notifications for webinars and group discussions, or if you would like a copy of previous recordings and minutes, please email alogovik@mandalaytech.com to add your name to the list!

Funding Rounds

Have you applied for Grant Funding to assist you to cover levy costs? Currently two funding rounds are open:

The Local Government Levy Ready Grants Program (LGLRGP) is specific to Local Government facilities, and offers an opportunity to share in \$5 million for waste disposal facility (landfill) infrastructure and upgrades. Mandalay has been working tirelessly with existing and prospective customers to support them with suitable proposals to support software and hardware upgrades and implementation, process adoption and data improvement, all in the aim of improving the effectiveness of levy reporting/lodgement, which is the aim of this grant. If you need support, touch base with Rosemary Black at Mandalay on rblack@mandalaytech.com soon. Grant applications close Friday, October 12.

The Resource Recovery Industry Development Program (RRIDP) is open to Resource Recovery operators throughout Queensland and provides \$100 million in funding across multiple grant streams. If you are a commercial (non-LGA) facility or a Council facility looking to improve services at your Transfer Stations, this is the funding to review. For more information specific to these streams, see the Funding and Grant page on the DES website or touch base with us for more detail. It's important to note that Stream 1 of the funding opportunities closes on October 5. Streams 2 and 3 are accepting applications at any time.

 Mandalay



WEBINAR SERIES
Qld Waste Levy

REGISTER NOW
webinars@mandalaytech.com

NEW CENTRE FOR RECYCLING OF ORGANIC WASTE AND NUTRIENTS (CROWN) IS HERE TO HELP



Last year, the Queensland Department of Environment and Science (DES) provided seed funding to enable establishing the Centre for Recycling of Organic Waste and Nutrients (CROWN). The brief for CROWN is to assist in achieving markedly increased landfill diversion for organics and the subsequent beneficial use of recycled organic products through coordinated action across the organics recycling supply chain. As part of the University of Queensland's Agricultural Faculty, CROWN's research, development, training and extension activities will, quite naturally, focus on the development and assessment of high-quality and fit for purpose recycled organic products and their beneficial use in terms of agronomic, economic and environmental effects.

After a lengthy period of lobbying and negotiations, CROWN finally became operational in November last year. The new Centre hit the ground running, largely due to the fact that Johannes Biala, an organics recycling veteran and champion was appointed as Director. He said he was surprised to see just how much interest there was in improving organics recycling among municipalities and commercial enterprises. "The landfill levy and The War on Waste has certainly pushed this onto everyone's agenda", he added. The work CROWN is already doing demonstrates the breadth of their current and future activities:

1. Processing and utilising organic residues on Moreton Bay Islands for environmental, community and economic gain,
2. Assessing the benefits of using urban derived compost and custom blended fertiliser in intensive horticulture,
3. Developing new pathogen diagnostics to support the compost industry,
4. Facilitating the Circular Economy for Organics on the Sunshine Coast,
5. Developing and administering the AORA Student Research Awards,
6. Unlocking the true value of organic soil amendments - an integrated nutrient calculator for the effective management of manures and composts into farm fertiliser budgets for environmental, soil health and economic sustainability.

CROWN's aim and objective is to develop the entire organics recycling supply chain and to assist all supply chain partners to ensure they are all able to benefit equitably in the Circular Economy for Organics. Therefore, CROWN is interested in hearing and learning from all key partners in the organics recycling supply chain, i.e. local governments, the food processing and retail industry, the organics processing sector, and users of recycled organic products, about their expectations and how they think CROWN can assist in achieving their specific goals associated with organics recycling and using recycled organic products in an environmentally and economically beneficial way.

For further information please contact:

Johannes Biala - Director

Centre for Recycling of Organic Waste and Nutrients

University of Queensland, Gatton Campus

Ph 0409 062613

Email j.biala@uq.edu.au

Web agriculture.uq.edu.au/crown

Organics Recycling in Rural & Regional QLD



How can CROWN help advance organics recycling activities and outcomes?

Helping Australia advance the circular economy for organics

Centre for Recycling of Organic Waste and Nutrients (CROWN)

To find out more, please contact Johannes Biala:
T 0409 062 613
E j.biala@uq.edu.au
agriculture.uq.edu.au/crown

 Queensland Government

 THE UNIVERSITY OF QUEENSLAND AUSTRALIA

Create change

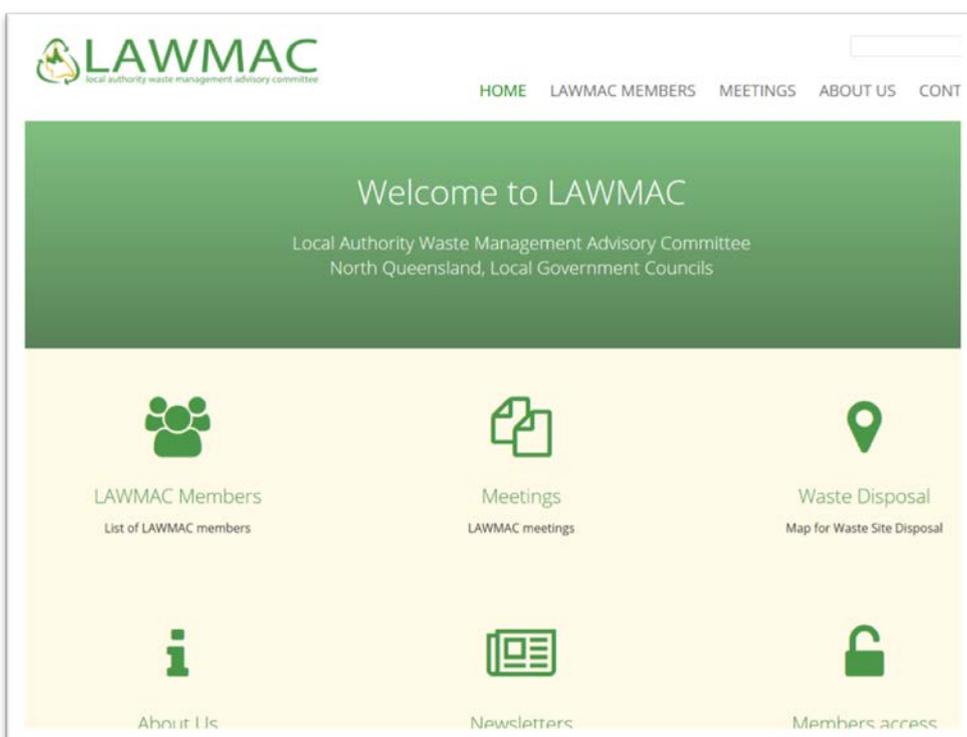
LAWMAC

LAWMAC POLO SHIRTS



The shirts are sponsored by AECOM, Mandalay Technologies, Remondis, CQG Consulting, Golder, MAMS Group and Resource Innovations.

The shirts will be available for sale for \$5 each from Mary Field at the next LAWMAC meeting.



THE NEW LOOK WEBSITE

<http://www.lawmac.org.au/>

Meeting minutes, newsletters, Map for Waset Disposal, members access and much more!