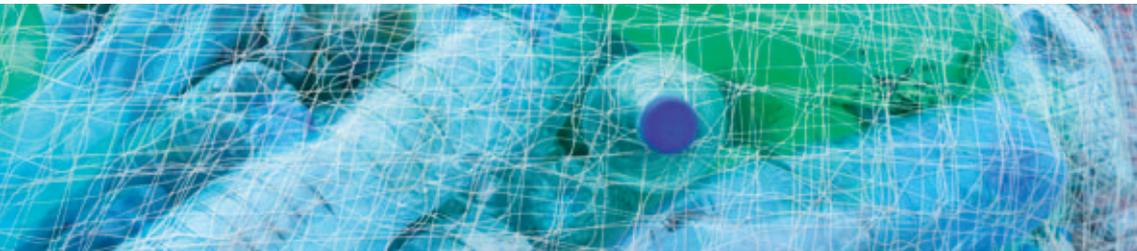

Annual Report
Cradle Coast Waste Management Group



2019-20



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GLOSSARY OF ABBREVIATIONS

BCC	Burnie City Council
CCA	Cradle Coast Authority
CCC	Central Coast Council
CHC	Circular Head Council
CCWMG	Cradle Coast Waste Management Group
CCWS	Cradle Coast Waste Services
DCC	Devonport City Council
DPIPWE	Department of Primary Industries, Parks, Water and Environment
DWM	Dulverton Waste Management
EPA	Environmental Protection Authority
ERF	Emissions Reduction Fund
FC&S	Fieldwicks Crushing & Screening
FOGO	Food Organics Garden Organics
KC	Kentish Council
LC	Latrobe Council
LGAT	Local Government Association of Tasmania
MOU	Memorandum of Understanding
MRA	MRA Consulting Group
MRF	Materials Recycling Facility
MSW	Municipal Solid Waste
NSRF	National Stronger Regions Fund
NTWMG	Northern Tasmania Waste Management Group
TOR	Terms of Reference
WGPC	Waste Governance Project Coordinator
WSS	Waste Strategy South
WTS	Waste Transfer Station
WWC	Waratah Wynyard Council

1 INTRODUCTION

1.1 WHO WE ARE

The Cradle Coast Waste Management Group (CCWMG) was formed in 2007 and represents seven northwest Tasmanian municipal councils participating in the voluntary waste levy including: Burnie City (BCC), Central Coast (CCC), Circular Head (CHC), Devonport City (DCC), Latrobe (LC), Kentish (KC) and Waratah Wynyard (WWC).

The CCWMG is governed by the Interim Memorandum of Understanding (MOU) which was adopted on 1st July 2019 whilst the Terms of Reference (TOR) undergo development. It is made up of skills based working group specialising in engineering, environmental health, waste management, corporate governance and general management, with a representative from each council.

The 19/20 CCWMG representatives include:

- > **Rowan Sharman**, Engineering Representative from the BCC.
- > **Sandra Ayton (Chair)**, General Manager Representative from the CCC.
- > **James Brewer**, Engineering Representative from the CHC.
- > **Carol Bryant**, Management Representative from the DCC.
- > **Adam Gardner**, Environmental Health Representative from LC & KC.
- > **Dana Hicks**, Service Officer Representative from the WWC.
- > **Don Thwaites**, non-voting Observer on behalf of the Cradle Coast Authority (CCA) Representatives Group.

The Cradle Coast Waste Services (CCWS), operated by Dulverton Waste Management (DWM), provides project management support and waste expertise to the CCWMG and is represented by:

- > **Mat Greskie**, CEO; and
- > **Mel Pearce**, Project & Administration Officer (P&AM).

The CCWMG strongly focus on utilising levy funds on actions that have a direct positive impact on regional resource recovery and waste management.

The CCWMG's vision is to deliver a sustainable community in the Cradle Coast region of Tasmania by implementing strategies which minimise waste through increases in waste diversion and recovery.



1.2 OUR PRINCIPLES, GOALS AND TARGETS

The CCWGM's 5 Year Strategy 2017 – 2022 was ratified in June 2017 by the Cradle Coast Council's participating in the voluntary waste levy of \$5 per tonne.

The Strategy's four goals are:

- 1. Waste diversion:** Diversion of materials from landfill to increase resource recovery, extend the life of existing landfills and reduce greenhouse gas emissions from waste.
- 2. Regional planning & efficiencies:** Provide regional planning and coordination of waste infrastructure and services to provide improved resource recovery, delivering efficiencies and reducing costs of services/ waste infrastructure.
- 3. Partnerships:** Maintain partnerships with government, planning authorities and the 3 waste regions to shape waste management policies and regulation to influence future regulatory requirements and to identify programs and infrastructure best delivered with a state-wide approach.
- 4. Community engagement:** Work with the community and industry, through education and feedback, to take ownership of waste avoidance and reuse to improve the use of existing and future services.

CCWGM's strategic goals and KPIs have many synergies with the Draft Tasmanian Waste Action Plan. The region is well placed if a State-wide approach is implemented.

The CCWGM have also set measurable and achievable objectives in the Strategy which will allow the CCWGM and member councils to track their progress over the 5-year plan. The objectives take the form of Key Performance Indicators (KPIs), which include:

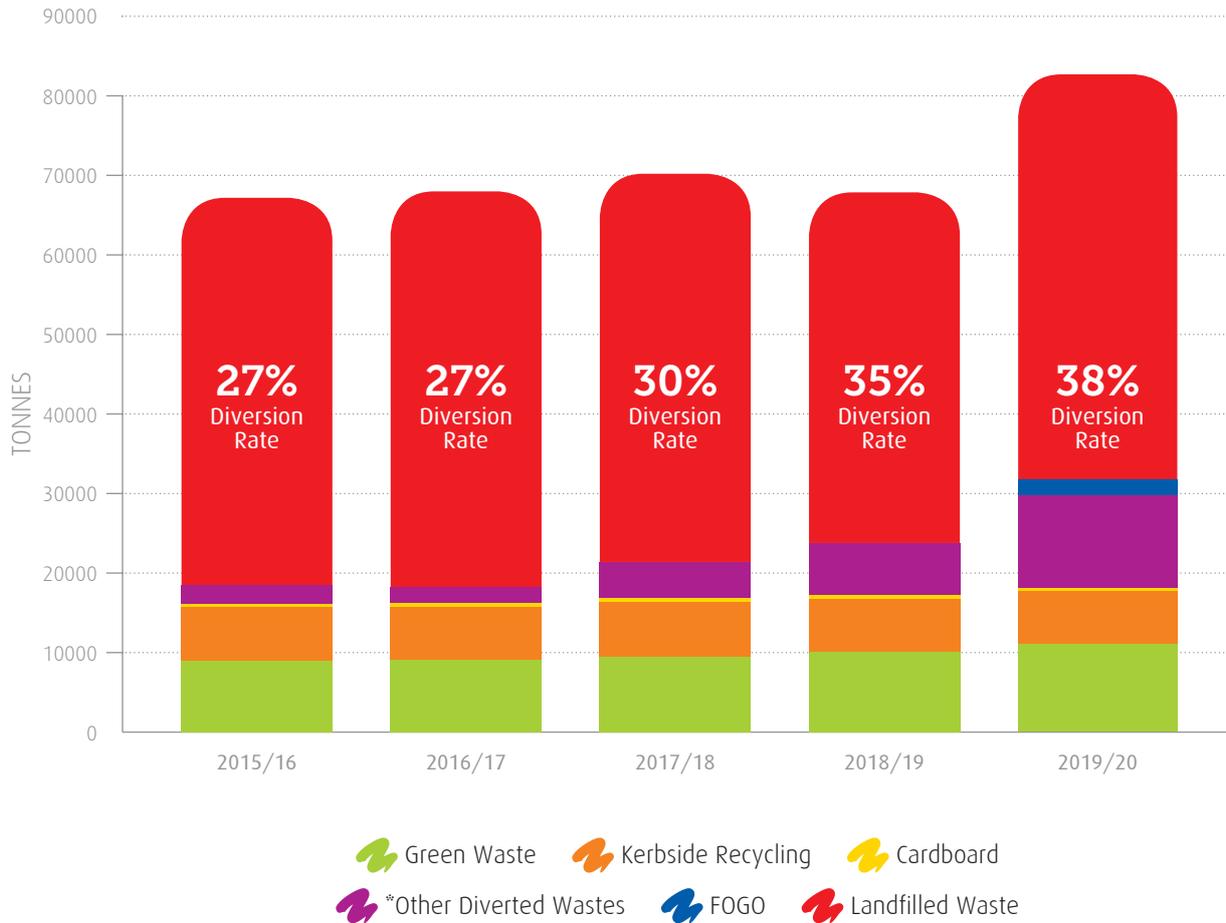
- 1.** By 2022, divert 50% of all MSW from local government landfill facilities across the region.
- 2.** By 2022, increase the proportion of recycling bin receiving a pass mark as part of the recycling bin assessments to 90% across the region (based on the 2015-16 assessment pass rate of 81%).
- 3.** By 2022, reduce incidents of illegal dumping at hotspot sites by 25% across the region (upon first establishing baseline data from council reports).
- 4.** By 2022, member councils to be collecting and reporting a standardised set (for material types, units, etc.) of data in relation to waste and resource recovery activities.

The interim MSW diversion target of 50% took into account the implementation of a kerbside Food Organic Garden Organic (FOGO) collection service, which was estimated to divert approximately 50% (20,000 tonnes) of waste placed into kerbside bins from landfill into composting. In early 17/18 councils determined not to proceed with a FOGO collection and are likely to revisit this project again from a regional perspective into the future.

On the 28th October 2019 the CCC implemented a FOGO collection within their Municipality which overall has been well received by the community. Since implementation the CCC have reported that the quantity of municipal waste to landfill has reduced by approximately 45%.

Figure 1 displays the tonnes of MSW landfilled (red) by the region compared with the tonnes of wastes diverted including: green waste (green), kerbside recycling (orange), cardboard (black) and other diverted wastes (purple).

**Figure 1 –
Tonnes of Regional Municipal Waste: Landfilled vs Diverted**



**Other diverted wastes includes the smaller scale recycling initiatives carried out by the regional transfer stations including the recycling of steel, e-waste, tyres, fluoro tubes/globes, paint, batteries, concrete and oil for example.*

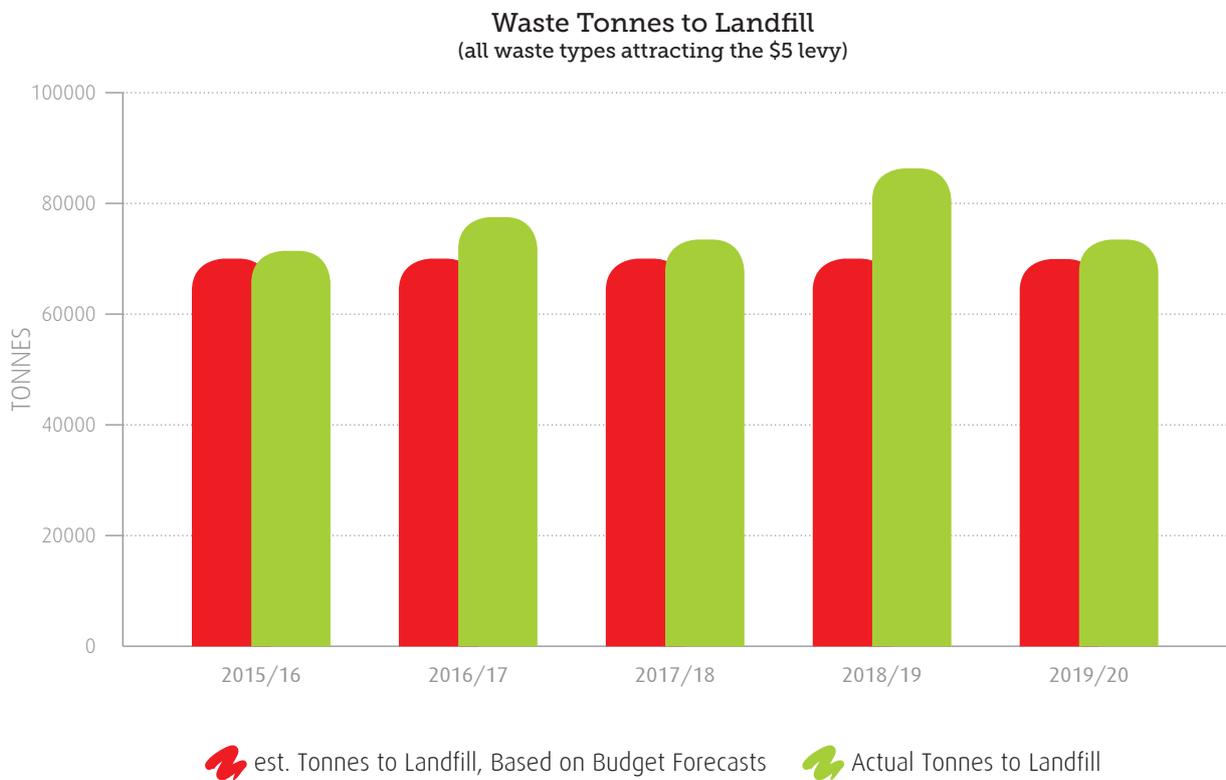
Despite an increased volume of MSW to landfill, the region continues to perform well, achieving a staggering yet conservative waste diversion rate of 38% in 2019/20. The increased diversion rate is directly attributable to an increase in Councils inputting data into the regional data collection portal (providing a better understanding of the quantities of waste being diverted by Councils), resulting in an increase in diversion of the 'Other Diverted Wastes' items and also the introduction of FOGO by the CCC.

1.3 Regional Waste Trends

Waste landfilled at the DWM, Ulverstone (inert) and Port Latta Landfills is charged the voluntary waste levy of \$5 per tonne. This waste is made up of commercial, municipal, controlled and various other waste types.

Figure 2 displays the tonnes of waste (attracting the \$5 levy) landfilled annually compared with the budgeted waste projections.

**Figure 2 –
Tonnes to Landfill vs Budgeted Waste Projections**



After a big year of special projects in 2018/19, the quantity of waste landfilled reduced by 15% in 2019/20 with 73,650 tonnes landfilled, which is consistent with historic years.

A number of factors can influence the tonnages of waste to landfill, over the years some standout events include:

- > The mono-cell special project at DWM in 2016/17, resulting in an additional 6,306 tonnes of waste landfilled;
- > Extreme weather events such as the flooding in June 2016, resulting in significant property damage which consequently required landfilling; and
- > Another special project at DWM in 2018/19 charged by cubic meter, resulting in excess of 11,000 cubic metres of waste landfilled.

**Figure 3 –
Tonnes of Municipal Solid Waste to Landfill –
Specific Tonnes Received for Each Landfill**

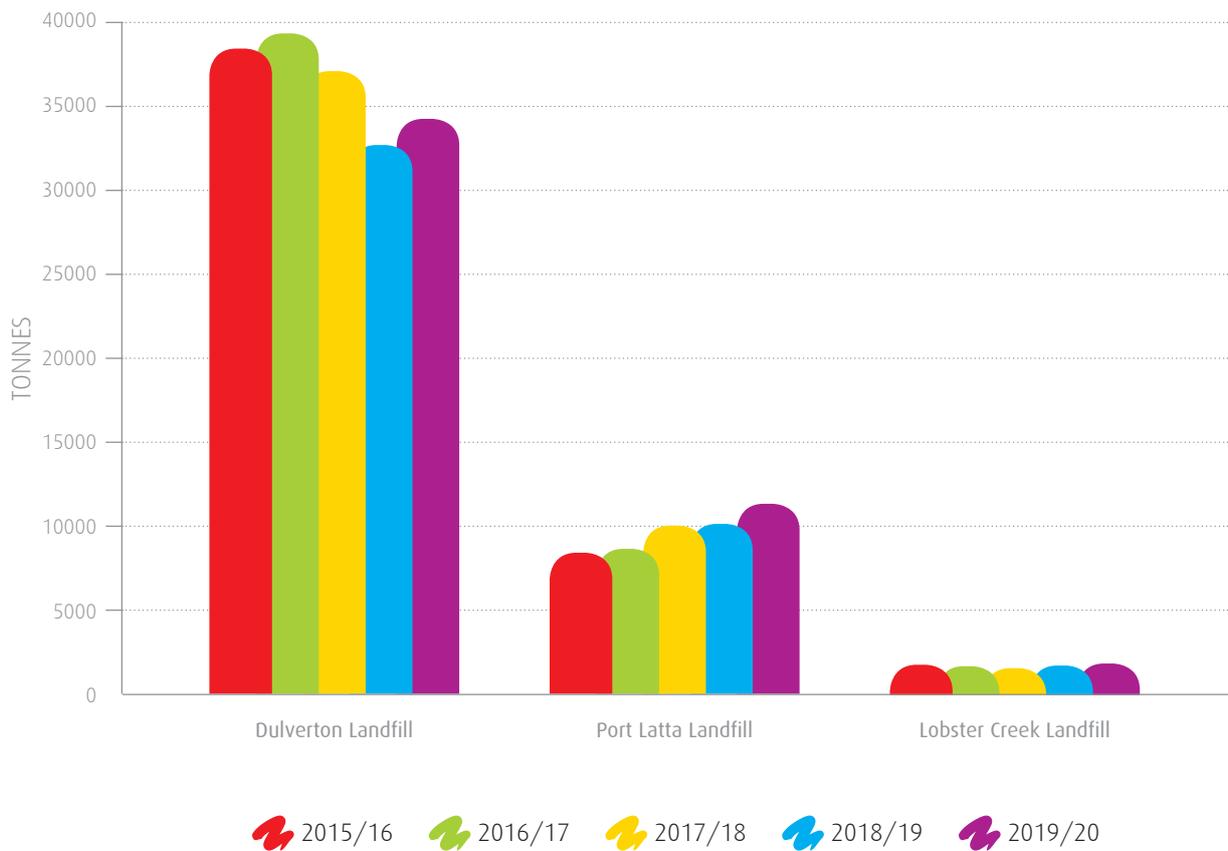


Figure 3 displays the MSW tonnages received at each Council owned landfill since 2015/16. Municipal waste is the term used to describe the waste collected at waste transfer stations (WTS) and from kerbside waste bins.

In 2019/20 MSW to landfill increased by 14.6% across the three landfills when compared to 2018/19.

The Dulverton Landfill predominately receives MSW from BCC, CCC, DCC, KC and LC and disposals across these individual Council areas increased by an average of 8%, with the exception of the CCC who experienced a 25% waste reduction due to the introduction of FOGO.

Lobster Creek (predominately MSW from CCC) and Port Latta (MSW from CHC and WWC) also saw increased MSW disposals of 7% and 12% respectively.

2 REPORTS

CHAIRPERSON'S REPORT

I have pleasure in presenting the Cradle Coast Waste Management Group's Annual Report on behalf of the Group to member Councils.

The report provides an overview of the Group's activities throughout the 2019-2020 financial year, to deliver on the objectives and actions of the 5 Year Strategic Plan for our region. The Group have actioned many projects this last year and I implore you to read through the rest of the Annual Report to understand the activities that have been undertaken. These activities are funded via a voluntary levy on waste deposited to landfill which at present is \$5 per tonne.

Our four key focus areas as highlighted in the Strategic Plan for 2017-2022:

- > waste diversion;
- > regional planning and efficiencies;
- > partnerships; and
- > community engagement.

The report also provides information that all councils should be aware of to help us in strategically preparing for the future, both within our region and at individual council level. Information such as the tonnes of municipal waste landfilled, green waste mulched, kerbside recycling and cardboard recycling provide targets and trends that should be at the forefront of our thinking, particularly as our Strategic Plan is centred around a major waste diversion target.

This year has seen a focus on progressing the review of governance and waste management arrangements for waste management services within the region.

After a slow start, this project has moved forward with the new governance structure which is intended to be in place in the first half of the coming financial year. Once the new governance model has proven successful, Councils will then consider the next stage, which includes the regional delivery of waste management services.

This year has also seen a focus on the funding from the \$5 tonne levy being attributed back to the Council's to help implement some of the projects that are in our Strategic Plan. Projects this year included illegal dumping funding, transfer station improvements and public place bin subsidies. The Group also have oversight of three regional contracts which include the regional co-mingled recycling, mulching of green waste and regional cardboard recycling. All contracts have provided competitive prices for the Council's that have participated due to a rigorous tendering process and economies of scale.

While COVID-19 has impacted on many services, you cannot stop dealing with Waste during these times. I would like to thank Dulverton and the Councils who worked together and continued delivering these important services on behalf of their communities.

Council's are eager to see the completion of the Waste Action Plan for the State, which will determine the direction that the State is taking towards elimination of waste. We are keen to watch with interest the State's direction to a Container Deposit Scheme and the implementation of a State-wide Waste Levy.

The Cradle Coast Waste Management Group is a Local Government skills-based group hosted by the Cradle Coast Authority (CCA). Participation in the CCWVG is voluntary with representation from Burnie City Council, Central Coast Council, Devonport City Council, Circular Head Council, Latrobe Council, Kentish Council and Waratah-Wynyard Council.

I would like to sincerely thank them for the time and focus that they put into the Group for the benefit of the region. This is on top of their own work at their Councils. I would also like to thank Dulverton Waste Management for their expertise and dedication of skills to this Group as well.

I commend this report to you.

Sandra Ayton, Chair

3 ACTIVITIES UNDERTAKEN FOR YEAR

3.1 REGIONAL CONTRACTS

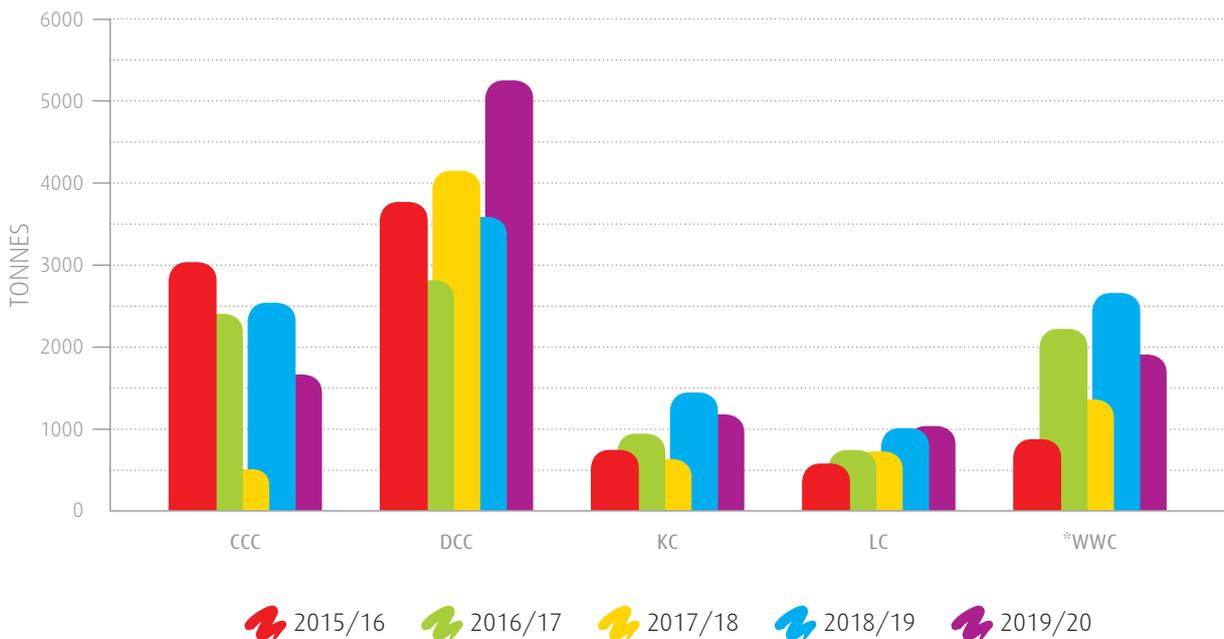
a) Mulching of Green Waste Contract

The Mulching of Green Waste Contract was re-tendered in early June 2020, with two competitive submissions received and after a comprehensive assessment process Fieldwick’s Crushing and Screening (FC&S) was awarded the contract for another two years. The current green waste mulching contract with FC&S is now in place until 30th June 2022, and participating councils include CCC, CHC, DCC, LC, KC and WWC.

Councils participating in this contract have the collected green waste mulched and unless there is a specific use for it, the green waste is transported to the DWM Organics Recycling Facility (DORF) for composting. Green waste is a critical ingredient in the composting process and the high quality green waste received at the DORF is testament to Council’s efforts to keep contamination to a minimum.

Figure 4 displays the total tonnages of green-waste mulched through the Mulching of Green Waste contract from 2015/16 to 2019/20. The timing of when green waste is mulched can affect the quantities recorded in any given year, for example a Council might have their green waste mulched in July 2019 and June 2020 resulting in a larger quantity recorded in 19/20 compared to the year prior.

Figure 4 – Tonnes of Green Waste Mulched Under Contract



*Waratah Wynyard Council commenced utilising the service in 2015/16.

NOTE: Burnie City & Circular Head Council are not included in Figure 4 as they have not yet utilised the mulching service through the regional contract.

b) Regional Recycling Contract

In 2009 a regional kerbside recycling contract, which currently services approximately 43,609 tenements across the region, was implemented between Veolia Environmental Services and the CCWMG Councils.

Table 1 compares the average number of tenements eligible for a kerbside recycling service with the average number of bin collections per month during 2019/20.

Table 1 – 19/20 Kerbside Recycling Collection, Average Tenement and Bin Collection Breakdown by Council

Council	*Average Number of Tenements Eligible for Collection	Average Bin Pickups per Collection	Bin Presentation Rate
Burnie City Council	8,320	5,192	62%
Central Coast Council	8,850	6,651	75%
Circular Head Council	2,143	1,131	53%
Devonport City Council	11,931	7,798	65%
Kentish Council	1,757	1,145	65%
Latrobe Council	5,552	3,818	69%
Waratah Wynyard Council	5,056	3,111	62%

**Every month the quantity of tenements within the kerbside recycling collection service zone increases as new properties are built and subdivisions are developed. The average number of tenements is therefore calculated taking an average of the monthly recorded tenements for each Council in 2019/20, using information provided by Veolia*

A bin presentation rate was determined for each Council by comparing the average bin collections per month with the total number of tenements eligible for collection.

From a regional perspective, the average presentation rate for 2019/20 was 64%. Similar to last year, this presentation rate is again lower than the rate recorded in the kerbside recycling assessments of 87%. The difference may be due to the kerbside assessments only capturing approximately 12 weeks of residential activity in select Council areas, avoiding known holiday areas (shacks) and locations under development.

An annual breakdown of the tonnes of kerbside recycling received by Veolia from each Council is detailed in Figure 5.

In the past 5 years the region has recycled 33,480 tonnes of household recyclables - which is a lot of glass, cardboard, paper, hard plastic containers and aluminium, steel and tin-plated cans.

Figure 5 – Tonnes of Kerbside Recycling by Council



The tonnes of kerbside recycling collected across the region saw a slight 1.3% increase with 6,671 tonnes collected in 2019/20 compared to 6,585 in 2018/19.

The total tonnes of kerbside recycling collected since 2012 is detailed in Table 2.

Table 2 – Annual Regional Kerbside Recycling Collection Tonnages

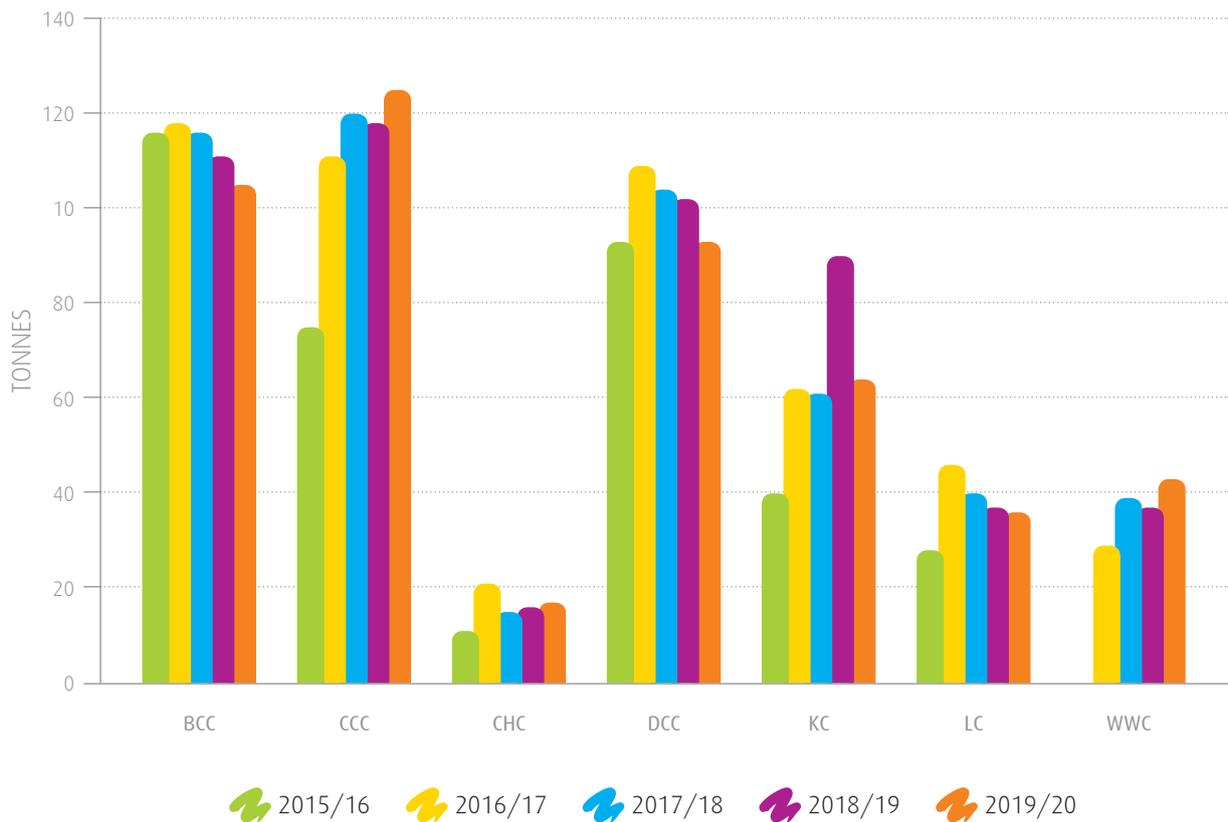
Year	Tonnes
2012/13	6,974
2013/14	6,807
2014/15	6,631
2015/16	6,737
2016/17	6,613
2017/18	6,874
2018/19	6,585
2019/20	6,671

c) Regional Cardboard Recycling Contract

In 2015 a regional cardboard recycling contract was established with Veolia, providing a cardboard collection bin at all Council WTS (except the small rural sites). This service was discounted by Veolia due to the participation of all CCWMG Councils. This contract is due to expire in October 2020 and as a consequence tenders were called in June 2020. After a comprehensive tender assessment process, Veolia were awarded the contract for another 4 years.

In 2019/20 483 tonnes of cardboard was collected, a 6% decrease when compared to 2018/19 (512 tonnes). Cardboard collection data for each Council is displayed in Figure 6.

**Figure 6 –
Tonnes of Cardboard Recycled by Council
(Under the Regional Recycling Contract)**



3.2 KEY PROJECTS

The CCWGM successfully completed a significant number of projects in 2019/20, with the complete list detailed under Section 6. Each project can be referenced back to the Annual Plan and Budget 2019/20 using the project number detailed within each heading.

a) Illegal Dumping Funding (2.2)

Illegal dumping funding valued at \$30,000 was available for Councils to apply for to assist with implementing illegal dumping reduction initiatives. Applications were received from the BCC, CCC, DCC and KC, all of which were approved either in part or in full. A total of \$30,057 worth of signage, surveillance cameras, WTS vouchers and funding assistance for clean ups were awarded.

Illegal dumping is a challenge faced by the region and the state and this funding has assisted Councils to make visible impacts.



**Figure 7 –
Clean-up in the Burnie City
Council Municipality.**

b) Recycling Bin Assessments (2.3)

The seventh program of residential recycling bin assessments and contamination education was completed across the region in September to November 2019 and again in March 2020. A total of 11,642 properties were visited and 10,172 bins were assessed and results show that the region has experienced a plateau in progress since 2017/18, with pass rates remaining at approximately 85%.

Whilst this steady pass rate is very impressive, the assessments did highlight areas for improvement and focus for future education programs. Of the bins assessed approximately 1 in 5 contained some form of contamination, with soft plastic again being highlighted as the most common waste item incorrectly placed into the kerbside recycling bin. With opportunities available to recycle various types of soft plastic at Coles and Woolworth stores, this will be a focus for education in future years.

Based on assessor feedback the community passion for placing correct items into their recycling bins is growing and often the contaminants found highlight a misunderstanding of what can and cannot be recycled. We are hopeful that with the right education the strategic target of a 90% pass rate can be achieved.



Figure 9 – Example of the Facebook education campaign.



Figure 8 – Example of newspaper education campaign conducted to notify the residents of the assessments.

c) Education & Promotion (2.11)

State-wide waste education continued this year with the implementation of Year 3 of the *Tasmanian Waste Management Communications Plan 2017/22*.

The three regional waste groups were busy publishing helpful tips and education on various media platforms including radio, newspaper, the Rethink Waste Facebook page and Website. There was a heavy focus on explaining what happens to recycled items collected in Tasmania, the circular economy, the waste hierarchy and the development of educational YouTube videos.

A partnership with the Master Builders Association was also established, with a goal to provide members with the tools to assist them in making better waste disposal decisions on their building projects.

The CCWGM also donated a copy of the Garbage Guts book to primary schools across North West Tasmania, to compliment the regional education program.

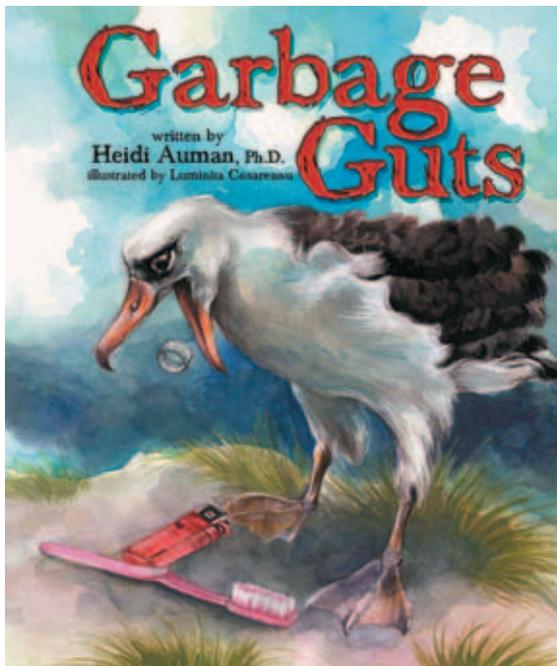


Figure 11 – Garbage Guts book donated to Primary Schools in North West Tasmania.

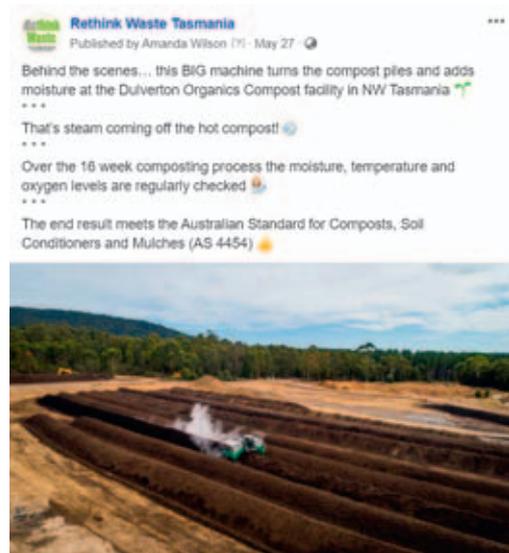


Figure 10 – Examples of some Rethink Waste Facebook Posts.



**Figure 12 –
Students participating
in the free Rethink
Waste Schools Program.**

The diversion of these items from landfill result in the retrieval of valuable by-products such as aluminium, mercury, copper, gold and nickel.



d) Schools Program (2.6)

Our waste educators were hard at work this year, providing free recycling education workshops to 32 classes, from 5 schools across the region.

These engaging workshops provide students with a hands on learning experience about what can and cannot be placed into kerbside recycling bins.

Now that our schools program is really ramping up we encourage schools to fill out an Expression of Interest (EOI) form to secure a workshop before we reach capacity in 20/21.

e) Free Residential Battery, Fluorescent Tube, Light Globe, E-waste & Paint Recycling (2.8, 2.9, 2.10, 2.11)

CCWMG's dedication to diverting problem wastes from landfill has resulted in over 45 tonnes of batteries, fluorescent tubes, light globes, e-waste and paint collected for recycling with reputable service providers. This ongoing service is free to residents and is available at transfer stations across the region.

f) WTS Best Practice Improvements (2.3)

Over \$109,000 of grant money was awarded to CCWMG Councils over the past 12 months to improve transfer station and resource recovery centres across the region. Improvements target environmental aspects, usability and work health and safety at the sites, which provides a direct benefit to the community.

Improvements included:

- > Concrete pads for e-waste, battery and paint collection bays in Burnie.
- > Toilet and washing facilities at Preston.
- > Boundary fence installation in Circular Head.
- > Shelter construction for the e-waste collection bay in Devonport.
- > Safety barrier installation at waste drop-off areas, new signage and upgrading damaged bin waste flaps at Sheffield.
- > Safety barrier installation at waste drop-off areas and new signage at Wilmot.
- > Safety barrier installation at waste drop-off areas, new signage and upgrading damaged bin waste flaps in Latrobe; and
- > Constructing a concrete hardstand for tyre storage in Waratah-Wynyard.

Figure 13 – Before and after of the new tyre storage area at the Wynyard Waste Transfer Station



g) Public Place Bin Subsidy

A need for public place recycling across the region was identified by the CCWMG and to assist Councils in providing this service, one round of funding was held for Councils to apply for developing a public place recycling bin strategy and/or a roll out of bins. Applications closed in July 2020 and funding will be distributed following a comprehensive assessment process.

h) Tyre Recycling Subsidy

The \$2/tyre rebate was continued in 2019/20, offered to Councils who choose to responsibly recycle their tyres through Tyre Cycle. A total of 2,893 tyres were shredded into granulation feedstock re-used in products such as athletic tracks, new tyre manufacturing, matting surfaces, road surfaces and tile adhesives to name a few.

4 ACHIEVEMENTS AGAINST THE 5 YEAR STRATEGY

 Action Not Started
  Action on Hold
  Action in Progress
  Action Completed/Ongoing

NO. ACTIONS	COMMENTS
FOOD AND GARDEN ORGANICS	
1	<p>Establish which member councils intend to participate in FOGO tender and appoint contractor where applicable.</p> <p>17/18: Implementation of a kerbside FOGO collection was considered by each Council who determined not to proceed at this stage.</p> <p>18/19: Revised FOGO pricing was provided to Councils, based on funding assistance received from the State Government, no further action was taken.</p> <p>19/20: A number of Councils continue to explore FOGO in detail, with no immediate action taken by the Councils excepting CCC who implemented a FOGO collection in October 2019.</p>
2	<p>Where applicable, work in partnership with successful FOGO tenderer and member councils to implement communications materials, bin rollout and collection services to best practice standards for recovered organics.</p>
3	<p>Develop and secure markets for reprocessed organics products in the agricultural or land rehabilitation sectors. Facilitate trials where necessary and utilise results in market development activities.</p>
4	<p>Support the development of a Tasmanian organics strategy.</p> <p>18/19: In June 2019 the Department of Primary Industries, Parks, Water and Environment released the Tasmanian Draft Waste Action Plan. This plan included actions associated with improving organic waste recovery and the CCWMG will respond to the Action Plan by the deadline.</p> <p>19/20: No further action was taken at a State level this year.</p>
ILLEGAL DUMPING AND LITTER	
5	<p>Facilitate liaison between member councils, the regional group and relevant Tasmanian Government departments responsible for managing illegal dumping incidents by establishing an illegal dumping working group.</p> <p>18/19: The Tasmanian Draft Waste Action Plan does not appear to address whether there will be state-wide approach to the management of illegal dumping, the CCWMG queried this as part of their feedback submission.</p> <p>19/20: The EPA released the 'Report Rubbish' illegal dumping and litter reporting database and it's too early to determine whether this will improve management of illegal dumping across the region and result in a working group.</p>
6	<p>Using data obtained from the Illegal Dumping Web Database, produce an annual report to be disseminated amongst member councils in order to provide a measurable evidence base to group members.</p> <p>A report on the regional illegal dumping database is provided to the CCWMG annually. In 2019/20 the EPA introduced the 'Report Rubbish' database and once the CCWMG are satisfied it collects adequate data to understand regional hot-spots it will replace the existing CCWMG developed illegal dumping database.</p>
7	<p>Call for annual applications from member councils for funding of projects to address illegal dumping (e.g. clean-up of hotspots, installation of signage/CCTV). Establish process for determination of successful applications, distribution of funding, reporting requirements and measurement of outcomes</p> <p>This project will be ongoing until year 2023/24.</p>
8	<p>Use the Keep Australia Beautiful (2016) Litter Toolkit to build a litter reduction campaign to be rolled out across the region. Incorporate the litter reduction campaign in the regional communications and education plan.</p>

NO. ACTIONS**COMMENTS**

- | | |
|---|---|
| <p>9 Provide evidence-based input to any further discussions regarding the introduction of container deposit scheme (CDS) legislation in Tasmania.</p> | <p>17/18: The EPA engaged consulting firm Marsden Jacob to generate a report on the framework for a CDS in Tasmania. DWM provided input on behalf of the CCWMG and Marsden Jacob were invited to attend a CCWMG meeting, however this did not eventuate. The EPA have released the report and there has been no further action at this stage.</p> <p>18/19: The Tasmanian Draft Waste Action Plan addresses a CDS and the CCWMG responded to the Action Plan by the deadline.</p> <p>19/20: No further action was taken at a State level this year.</p> |
|---|---|

INFRASTRUCTURE

- | | |
|---|--|
| <p>10 Continue work to establish a standardised set of data collection parameters and ensure all councils are reporting data to the waste data collection portal according to the standard (including material categories, units and frequency of reporting). Monitor and audit data inputs into the centralised waste data collection portal.</p> | <p>The regional data collection portal was implemented in 2017/18 and quarterly reporting to the CCWMG is ongoing.</p> |
| <p>11 Conduct a recycling activity survey in order to:</p> <ul style="list-style-type: none"> a) establish the size of the recycling and reprocessor network b) measure the quantity of materials managed throughout the network c) establish the flow of materials between member councils and other regions d) identify opportunities for network expansion or rationalisation. <p>This could be conducted in conjunction with other regional groups in order to build a picture of the resource recovery network in Tasmania.</p> | <p>17/18: The Recycling Activity Survey was complete and a master spreadsheet developed housing the collected information.</p> |
| <p>12 Conduct an assessment of the region's tip-shop network. Develop standardised guidelines for tip-shops which define material diversion, stock and inventory control, material storage requirements, etc.</p> | |
| <p>13 Internally review progress of actions recommended by the Cradle Coast Transfer Station Audits report completed for CCWMG (Blue Environment 2014) in order to bring facilities up to best practice standards. Call for applications from member councils for funding for facility upgrades, establish process for determination of successful applications, distribution of funding and reporting requirements.</p> | <p>This project is ongoing until 2022/23.</p> |
| <p>14 Investigate options for accepting additional materials at council resource recovery centres/transfer stations, including requirements for collection infrastructure, potential on-site reprocessing opportunities and material markets.</p> | <p>The CCWMG implemented free e-waste, paint, fluorescent tube, light globe and battery collection services at WTS across the region in 18/19. These services are ongoing.</p> |
| <p>15 Explore community-based recycling initiatives with local community groups in order to identify feasible materials for collection and diversion. Where feasible, consider funding assistance to community groups to implement services (e.g. transport vehicles, temporary storage facilities, compactors, communications).</p> | <p>18/19: Community groups were given the opportunity to apply for funding to implement waste collection and diversion initiatives. Funding was awarded to 4 community groups across the region.</p> |

SERVICES

- | | |
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| <p>16 Continue to undertake annual residential recycling bin assessments and contamination education across the region.</p> | <p>19/20: A round of assessments were undertaken, resulting in a pass result of 85%. This project will be conducted biannually from 2020/21.</p> |
| <p>17 In conjunction with NTWMG, continue to conduct landfill and kerbside waste composition audits.</p> | <p>17/18: Consulting firm Anne Prince Consulting (APC) conducted landfill audits at DWM, Ulverstone and Port Latta landfills.</p> |

HAZARDOUS WASTE

- | | |
|--|---------------------------------|
| <p>18 Provide for collection and management of household batteries across the region (including advertising, bins, collection services, transport and disposal). Measure and evaluate the collection's performance.</p> | <p>This project is ongoing.</p> |
|--|---------------------------------|

NO. ACTIONS	COMMENTS	
19 Hold a household hazardous waste collection event. Event actions will include advertising, establishing a waste management contractor (via tender process), determining program and location(s), measurement and reporting framework.		
20 Continue to monitor member council e-waste schemes and opportunities to provide an economical service in the region.	In 2018/19 e-waste recycling was rolled out at one WTS in each municipality. This project is ongoing.	
21 Work with EPA Tasmania as required to implement the hazardous waste tracking system.	It is anticipated that this will be addressed as part of the Tasmanian Waste Action Plan roll-out.	
22 Liaise with EPA/other regions on investigations into hazardous waste stockpiles and disposal points in the CCWMG region.	It is anticipated that this will be addressed as part of the Tasmanian Waste Action Plan roll-out.	
TYRES		
23 Support the development of a tyre recycling site at Longford.	In 2018/19 the tyre recycling service at Longford closed down stalled and as a consequence the CCWMG commenced providing Councils with a \$2/tire subsidy, to recycle tyres at Tyrecycle in Hobart. This subsidy will be available until the commencement of 2022/23.	
24 Work with EPA and other regional groups to investigate end users for end-of-life tyres.	Tyrecycle currently provide a service that recycles tyres that can be reused in many different products, including but not limited to athletic tracks, break pads, new tyres and matting surfaces.	
25 Disseminate and support the statewide waste tyre recycling guidelines/ management strategy when released by EPA.	Nothing release by the EPA to date.	
C&D AND C&I RECOVERY		
26 Work with the EPA to develop and align strategies to divert C&D and C&I materials from landfill. Investigate funding opportunities as they arise.	18/19: The Tasmanian Draft Waste Action Plan addresses C&D and C&I and the CCWMG responded to the Action Plan by the deadline. 19/20: No further action was taken at a State level this year.	
27 Conduct a review of C&I waste in the region to build on previous reviews conducted for C&D waste. Include consultation with key industries and identification of synergies with C&D waste processing and disposal.	18/19: The Tasmanian Draft Waste Action Plan addresses C&D and C&I and the CCWMG responded to the Action Plan by the deadline. 19/20: No further action was taken at a State level this year.	
28 In conjunction with member councils, investigate the options for expanding residential recycling collections to cover C&I customers.	18/19: The Tasmanian Draft Waste Action Plan addresses C&D and C&I and the CCWMG responded to the Action Plan by the deadline. 19/20: No further action was taken at a State level this year.	
REGIONAL GOVERNANCE ARRANGEMENTS		
29 Develop and document a governance framework which stipulates the roles, responsibilities and expectations of CCWMG member councils.	17/18: A CCWMG Terms of Reference document was developed and implemented. 19/20: A MOU was signed between the CCWMG Councils & DWM to transfer the waste levy funds management from the Cradle Coast Authority to DWM.	
30 Create a role within CCWMG to manage stakeholder group member engagement. The role should be part-time for a minimum of one year and be at an experienced/senior level.	17/18: Greg Preece was appointed as the Waste Governance Project Coordinator to work with the CCWMG and member Councils to determine the most appropriate governance model and assist with the implementation. 18/19: Stage 1 of the proposed model was agreed to by the CCWMG, which involved transitioning the management of the regional waste management services, administration and financial services to DWM. 19/20: A MOU was signed between the CCWMG Councils & DWM to transfer the waste levy funds management from the Cradle Coast Authority to DWM. The TOR were also reviewed and it was agreed that to further enhance the delivery of waste levy initiatives the CCWMG would transition into being managed by Council General Managers.	

NO. ACTIONS	COMMENTS	
COLLABORATIVE ARRANGEMENTS BETWEEN COUNCILS		
31 Continue to identify opportunities for collaborative resourcing by investigating current contractual arrangements in each council.		
32 Investigate and facilitate human resource sharing between member councils.		
33 Establish a platform for councils to share information with regards to their current projects and outcomes of previous projects (e.g. as an agenda item at CCWMG meetings).	Councils have an opportunity to raise projects and outcomes at the CCWMG meetings.	
BUILDING REGIONAL CONSISTENCY		
34 Review member council landfill and resource recovery centre/ transfer station charges and services offered and investigate barriers to implementing total cost recovery pricing.		
WORKING WITH THE TASMANIAN GOVERNMENT		
35 Establish a framework for cooperation and collaboration between state government, waste management groups and local councils to: a) influence policy and strategy documents b) highlight current issues impacting on waste management in the region c) contribute to and support government policy on emerging waste issues.	18/19: The Tasmanian Draft Waste Action Plan addresses governance and waste management issues, the CCWMG responded to the Action Plan by the deadline. 19/20: No further action was taken at a State level this year.	
36 Maintain key dialogue and build contacts with state government agencies. Encourage EPA to attend CCWMG meetings.	17/18: Dialogue has been undertaken with LGAT representative regarding the status of kerbside recycling in Tasmania. Dialogue with the EPA is ongoing as required, EPA representative attended a CCWMG meeting to discuss illegal dumping. Will invite other representatives to attend CCWMG meetings as appropriate. 18/19: DWM and the CCWMG provided feedback to the EPA regarding the Tasmanian Draft Waste Action Plan. 19/20: No further action was taken at a State level this year.	
37 Highlight current waste management issues to state government on an as needed basis as raised by member councils.	17/18: This is ongoing, consultation carried out with state government as the need arises. 18/19: Regional waste issues were communicated to the state government as part of the feedback provided on the Tasmanian Draft Waste Action Plan.	
38 Provide assistance and advice to state government on emerging waste issues.	17/18: Ongoing, will provide appropriate assistance as requested. 18/19: Waste issues were communicated to the state government as part of the feedback provided on the Tasmanian Draft Waste Action Plan.	
39 Identify funding options from various Tasmanian Government departments, not just those responsible for waste or environment issues.	17/18: Currently monitoring opportunities for funding and approaching local members for opportunities to receive funding assistance for implementation of a FOGO collection. This is ongoing, funding will be sought as opportunities arise.	
WORKING WITH INDUSTRY		
40 Establish a framework for cooperation and collaboration between state government, waste management groups and industry to facilitate improvements to C&I and C&D waste management and resource recovery.	18/19: The Tasmanian Draft Waste Action Plan has actions to address C&I and C&D waste management and resource recovery. 19/20: No further action was taken at a State level this year.	
41 Facilitate a regional industry workshop/forum to encourage innovation and sharing of waste and resource management practices. Where feasible, consider using local service groups to extend CCWMG reach into local businesses.	17/18: Conducted an industry workshop in Burnie, there were 43 attendees and a number of discussions around better use of by-products.	

NO. ACTIONS	COMMENTS	
42 Maintain key dialogue and build contacts with industry sectors.	17/18: Commenced building industry contacts through the recycling activity survey and the industry workshop. In 2018/19 the state-wide waste communications team obtained Master Builders Association Membership. It is envisioned that where appropriate communications will target members of this association in future years.	
43 Support the development of a Tasmanian recycling market development strategy.	18/19: Likely to be addressed by the Tasmanian Draft Waste Action Plan.	
COLLABORATING WITH OTHER REGIONS		
44 Pending state government regional group coordination, establish a direct link between other regional groups (which may involve quarterly/six monthly meetings, etc.) to continue collaboration.	Key Project Officers from each of the waste groups regularly meet to discuss waste communications and other upcoming projects as necessary.	
45 Conduct a mid-term strategy review to consider linkages between regional strategies and funding requirements.		
COMMUNITY EDUCATION		
46 Develop a regional or cross regional communications and education plan with input from member councils, including for: a) FOGO service b) other kerbside services c) illegal dumping d) e-waste recycling e) other waste initiatives as appropriate.	19/20: Year 3 of the Tasmanian Waste Communications Plan was successfully completed by the three waste groups.	
47 Develop communication materials that promote CCWMG, the Rethink Waste website and brand and correct waste and recycling practices using: a) media releases b) TV, radio and newspaper advertising c) promotional materials (e.g. bags, pens, caps) d) fact sheets e) social media (e.g. YouTube, Facebook, Twitter) Where possible, activities to be jointly undertaken with the NTWMG.	19/20: Year 3 of the Tasmanian Waste Communications Plan (which covers these activities) was successfully completed by the three waste groups.	
48 Continue to support the Rethink Waste Schools Program. Establish a program for visits to schools in the region to conduct waste education programs.	19/20: School visits commenced and were very well received. This project will be ongoing.	
49 Coordinate with member councils and other regions to provide consistent updates to the Rethinkwaste.com.au website.	Councils are required to review and provide updates to their page annually. Other updates undertaken as required.	
RAISING AWARENESS		
50 Provide regular briefings to Cradle Coast Authority member councils (to be disseminated throughout each), in order to build group awareness. This could be done through scheduled group meetings and dissemination of CCWMG minutes of meetings.	CCWMG receive a copy of the meeting minutes and also a monthly waste communications report.	
PUBLIC EVENTS		
51 Research and maintain a calendar of public events (such as local shows, market days, etc.) which would be appropriate to host an education session/stall/booth. Attend two public events per year.	This project is ongoing however COVID-19 restrictions prevented planned events from proceeding in 2019/20.	
52 Conduct community consultation forums when introducing new programs or services (as appropriate).		

5 FINANCIAL

Table 3 – Cash Flow Summary

Table 3 details the CCWMG Waste Levy Account opening and closing balance as at 30/06/2020.

2019/20 Cash Flow Summary Regional Waste Management Levy	
Opening Balance 30/06/2019	406,193
Levy funds received 01/07/2019 to 30/06/2020	335,790
Expense Recovery Income	68,841
Interest	939
Total Cash Inflow During 2019/20	811,763
2019/20 Annual Plan & Budget Project Expenditure	(372,011)
Total Cash Outflow During 2019/20	372,011
Closing CCWMG Waste Levy Account balance 30/06/2020	439,752

Table 4 – 2019/20 Profit and Loss

Table 4 details the CCWMG profit and loss for 2019/20.

2019/20 Profit and Loss Regional Waste Management Levy	
Waste Levy Income for period 01/07/2019 to 30/06/2020	368,254
Expense Recovery Income	68,841
Interest	939
Total Income for 2019/20	438,034
2019/20 Annual Plan & Budget Project Expenditure	(422,843)
Total Expenditure for 2019/20	(422,843)
Net Profit (Loss) as at 30/06/2020	15,191

6 SUMMARY

With over 19 discreet projects for the CCWMG to undertake, the 2019/20 financial year was completed in a successful manner with a high project completion rate.

Many of the projects implemented provided immediate outcomes consistent with the goals of the CCWMG Strategic Plan. The balance of the projects form the foundation for implementation of actions in coming years. Table 5 displays a summary of the 2019/20 actions and their status at 30 June 2020. For more information please refer to the CCWMG Annual Plan & Budget 2019/20.

Table 5 – 2019/20 Action Summary as at 30 June 2020

KEY: CF = Carried Forward IP = In Progress NP = CCWMG Resolved Not to Proceed TC = Task Complete

REF#	PROJECT NAME	ACTION SUMMARY	STATUS
ONGOING PROJECTS			
2.1	Illegal Dumping Database	Manage and annually report on the regional illegal dumping database.	TC
2.2	Illegal Dumping Funding	Conduct one round of illegal dumping funding.	TC/CF
2.3	Recycling Bin Assessments	Undertake kerbside recycling bin assessments and contamination education across the region.	TC
2.4	Education & Promotion – Year 3	Implement year 3 of the Tasmanian Waste Management Communications Plan.	TC
2.5	Schools Program	Visit schools to provide waste education / presentations.	TC
2.6	Rethink Waste Website	Maintain and improve the Rethink Waste Website.	TC
2.7	Public Events	Host an education stall at 2 public events.	TC
2.8	Household Battery Recycling	Fund a free household battery recycling program.	TC
2.9	Fluoro Tube & Globe Recycling	Fund a free fluoro tube and globe recycling program.	TC
2.10	E-waste Recycling	Fund a free e-waste recycling program.	TC
2.11	Paint Recycling	Participate in the Paintback funded paint recycling program.	TC
2.12	FOGO Collection	Continue to focus on implementing a FOGO Collection across the region.	TC
2.13	Allocation for Unknown	Funding allocation for resource recovery opportunities that arise during the year.	TC

REF#	PROJECT NAME	ACTION SUMMARY	STATUS
ONE-OFF PROJECTS			
3.1	Hazardous Waste Collection	Conduct a brief review to understand the need for a hazardous waste collection event in the region.	TC
3.2	Cardboard Recycling Contract	Revise contract specifications, tender advertising, management of tender process & contract.	CF
3.3	Green Waste Mulching Contract	Revise contract specifications, tender advertising, management of tender process & contract.	CF
3.4	WTS Best Practice Improvements	Assist in bringing WTS facilities up to best practice standards.	TC/CF
3.5	Public Place Bin Subsidy	Provide a subsidy to CCWVG Councils to install public place waste and recycling bins.	TC/CF
3.6	Tyre Recycling Subsidy	Provide a subsidy to CCWVG Councils to assist with the cost of recycling of tyres.	TC
GOVERNANCE			
4.1	Regional Waste Data Quarterly Reporting	Provide the CCWVG with a quarterly regional waste data report.	TC
4.2	2020/21 Annual Plan & Budget	Develop the CCWVG Annual Plan and Budget for 2020/21.	TC
4.3	2018/19 Annual Report	Develop the CCWVG Annual Report for 2018/19.	TC
4.4	Financial Reporting	Manage the CCWVG financials and generate reporting monthly.	TC
4.5	Waste Governance	Transition into the new Waste Governance Model.	TC
4.6	DWM Project Management	Project manage the actions detailed in Table 1, 2 and 3.	TC



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