

Waste Authority Business Plan

2019 – 2020

To support the Waste Avoidance and Resource Recovery Strategy 2030 and associated Action Plan 2030



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Introduction

The Waste Avoidance and Resource Recovery Act 2007 (WARR Act) established the Waste Authority to provide advice to the Minister for Environment and administer the Waste Avoidance and Resource Recovery Account (WARR Account).

The WARR Act requires the Waste Authority to prepare a draft annual business plan for the approval of the Minister for Environment. WARR Account moneys may only be applied to programs and activities authorised under the approved business plan or as otherwise approved by the Minister for Environment.

Section 36 of the WARR Act prescribes that the business plan must set out:

- the Waste Authority's objectives and priorities for the next five financial years;
- financial projections for that period;
- the Waste Authority's budget for the next financial year;
- the services and facilities that are reasonably necessary to be provided or used under Section 16 for the next financial year in order to enable the Waste Authority to perform its functions;
- what the Waste Authority intends to do over the next financial year;
- the Waste Authority's policy for the application of moneys from the WARR Account for the next financial year;
- a priority statement with respect to extended producer responsibility schemes in accordance with section 47; and
- any other matters that the Minister requires in writing.

The Waste Authority applies funds from the Waste Avoidance and Resource Recovery Account (WARR Account) to implement programs consistent with the annual business plan.

Further information about the programs and projects administered by the Waste Authority can be found at www.wasteauthority.wa.gov.au.



Waste Authority Objectives and Priorities

Objectives and Priorities - 2019-20 and the next four financial years

In February 2019, the Minister for Environment, Hon Stephen Dawson MLC released the Western Australian [Waste Avoidance and Resource Recovery Strategy 2030](#) (Waste Strategy). The Waste Strategy outlines this vision:

“Western Australia will become a sustainable, low-waste circular economy in which human health and the environment are protected from the impacts of waste.”

This vision is supported by the three following objectives which reflect the [waste hierarchy](#), whereby waste avoidance is the most preferred outcome and disposal is the least preferred:

Avoid – Western Australians generate less waste;

Recover – Western Australians recover more value and resources from waste; and,

Protect – Western Australians protect the environment by managing waste responsibly.

This waste hierarchy concept is also complemented by the [circular economy](#) sustainability concept. A circular economy moves away from the linear ‘take, make, use and dispose model’ to one that keeps materials and energy circulating in the economy as long as possible. The Waste Strategy aims to change behaviour through a combination of strategies grouped around knowledge, enabling infrastructure and incentives.

Also in February 2019, the Premier of Western Australia, Hon Mark McGowan MLA launched the “[Our Priorities: Sharing Prosperity](#)” program. This includes six key outcome areas and 12 key performance indicators targeting important issues facing Western Australia. Under the “A liveable environment” outcome area, the McGowan Government has included a performance indicator to ensure Western Australians recover more value and resources from waste:

“Make a cleaner, more sustainable environment: By 2030 at least 75% of waste generated in WA is reused or recycled.”

In support of the “Our Priorities: Sharing Prosperity” program, the Waste Strategy identifies high level targets, focus materials and 50 strategies that underpin the objectives of waste avoidance, recovery and environmental protection. It is supported by the [Waste Avoidance and Resource Recovery Strategy 2030: Action Plan](#) (Action Plan), which prioritises the specific actions that will be progressed to achieve the Waste Strategy’s objectives and which agencies will lead those actions.

The Waste Authority’s objectives and priorities in 2019-20 and for the subsequent four financial years align directly with the objectives of the Waste Strategy and are guided by the Action Plan which focuses on the highest priority strategies.

The Waste Strategy’s vision, objectives, high level targets and headline strategies are outlined below:



VISION	<i>Western Australia will become a sustainable, low-waste, circular economy in which human health and the environment are protected from the impacts of waste.</i>			Supporting documents Other documents which align with or support this strategy Waste Avoidance and Resource Recovery Strategy 2030 include the: <ol style="list-style-type: none"> 1. Waste Avoidance and Resource Recovery Strategy 2030 Action Plan 2. Waste Authority position and guidance statements 3. State Waste Infrastructure Plan 4. Annual Business Plan 5. Waste Data Strategy
OBJECTIVES	Avoid <i>Western Australians generate less waste.</i>	Recover <i>Western Australians recover more value and resources from waste.</i>	Protect <i>Western Australians protect the environment by managing waste responsibly.</i>	
TARGETS	<ul style="list-style-type: none"> ● 2025 – 10% reduction in waste generation per capita ● 2030 – 20% reduction in waste generation per capita 	<ul style="list-style-type: none"> ● 2025 – Increase material recovery to 70% ● 2030 – Increase material recovery to 75% ● From 2020 – Recover energy only from residual waste 	<ul style="list-style-type: none"> ● 2030 – No more than 15% of waste generated in Perth and Peel regions is landfilled. ● 2030 – All waste is managed and/or disposed to better practice facilities 	
HEADLINE STRATEGIES	<ul style="list-style-type: none"> • A consistent three bin kerbside collection system, which includes separation of food organics and garden organics from other waste categories, to be provided by all local governments in the Perth and Peel region by 2025 and supported by State Government through the application of financial mechanisms. • Implement local government waste plans, which align local government waste planning processes with the <i>Waste Avoidance and Resource Recovery Strategy 2030</i>. • Implement sustainable government procurement practices that encourage greater use of recycled products and support local market development. • Provide funding to promote the recovery of more value and resources from waste with an emphasis on focus materials. • Review the scope and application of the waste levy to ensure it meets the objectives of <i>Waste Avoidance and Resource Recovery Strategy 2030</i> and establish a schedule of future waste levy rates with the initial schedule providing a minimum five year horizon. • Develop state-wide communications to support consistent messaging on waste avoidance, resource recovery and appropriate waste disposal behaviours. • Review and update data collection and reporting systems to allow waste generation, recovery and disposal performance to be assessed in a timely manner. • Undertake a strategic review of Western Australia's waste infrastructure (including landfills) by 2020 to guide future infrastructure development. 			

Headline Strategies, Actions and Budget Allocations – 2019-20 and the next four financial years

This business plan focuses on the actions and activities under each of the eight headline strategies that are funded through the Waste Avoidance and Resource Recovery Account (WARR Account) for the 2019-20 financial year. Those actions led by the Waste Authority and/or funded directly by the WARR Account are supported by business cases approved by the Minister for Environment (excepting those covered in Section 16 services and Section 80 functions and addressed in the Service Level Agreement between the Waste Authority and the Department of Water and Environmental Regulation (DWER)). The Waste Authority's business plan will be accompanied by a Waste Data Strategy, various Waste Authority Position and Guidance Statements and a series of Waste Authority programs and initiatives.

The Action Plan has timeframes associated with each specific action. The timeframes are identified as follows:

Timeframe	Description
Ongoing	Actions which are currently under way and/or which will be continuously undertaken
Short term	Actions to commence within the next 1-2 years
Medium term	Actions to commence within the next 3-5 years
Long term	Actions to commence in more than five years.

Actions led by the Department of Water and Environmental Regulation

In addition to actions led by the Waste Authority, there are other actions funded by the WARR Account, approved by the Minister under Section 16 or Section 80 of the WARR Act and led by DWER such as support for the development of Local Government Waste Plans, the administration of the Waste Levy, compliance and enforcement and the development of a State Waste Infrastructure Plan, in addition to policy development and Ministerial advice. The Section 16 services include policy and program design, development and management, administration overheads, levy inspection, compliance and enforcement, Waste Authority support, illegal dumping, Ministerial and Director General support and communications. Functions delivered under Section 80 include the container deposit scheme, single use plastic reduction programs and policy.



DWER led actions under the Waste Strategy 2030 Action Plan headline strategies are numerous and priority actions include:

- Short term Action **1.2** Own Your Impact to provide up to date information and guidance to the community on key Waste Strategy initiatives
- Short to long term Action **1.3** Major behaviour change program covering social marketing, media, education and engagement
- Short to medium term Action **1.11** Managing waste in regional/remote communities
- Short term Action **3.1** Identify options and priority actions to reduce waste through procurement
- Short to medium term Action **3.2** Implement reducing waste through procurement program through leading collaboration between state government agencies and industry to implement sustainable government procurement measures and policies.
- Short term Action **4.1** with DLGSC to develop local government waste plan support and guidance.
- Short term Action **4.2** Notify local governments of waste plan requirements
- Short to medium term Action **4.3** Support local governments to meet waste plan requirements
- Short term Action **5.1** Waste levy review in consultation with relevant stakeholders, to review scope and application of the levy
- Short term Action **5.2** Schedule of levy rates for a minimum five year projection
- Medium term Action **5.3** Amend WARR levy Regulations
- Ongoing Action **5.4** Litter Strategy in partnership with the Keep Australia Beautiful Council
- Short to medium term Action **5.5** Illegal dumping strategies to detect, investigate and prosecute illegal dumping
- Short to medium term Action **5.6** Improved regulatory framework for waste, including waste derived materials
- Medium term Action **5.7** Improved regulatory compliance
- Medium term Action **5.8** Improved levy compliance
- Short term Action **6.1** State waste infrastructure audit

- Short to medium term Action **6.2** State Waste Infrastructure Plan, to be developed in consultation with state government agencies, local government and the waste industry
- Medium term Action **6.3** Guidance for waste infrastructure planning
- Medium to long term Action **6.4** Options for improving waste infrastructure planning
- Short term Action **7.2** Mandatory reporting of waste and recycling data to commence in the 2019-20 year
- Short term Action **7.3** Online system for waste reporting, to be in place for 1 July 2020
- Short to medium term **7.4** Improved waste data systems and methodology
- Ongoing Action **8.1** Product stewardship schemes including the container deposit scheme (to commence March 2020) and working with the Australian Packaging Covenant Organisation

These DWER led actions are addressed in a Service Level Agreement between the Waste Authority and DWER and do not require business cases.

Actions led by other State Government Agencies

Further, there are a number of commitments in the Action Plan that are led by other State Government agencies, and these include sustainable procurement policy and guidance, piloting the use of recycled construction and demolition waste as road base and reducing the amount of single use plastics procured by agencies. Specifically, the Action Plan identifies that:

- The **Department of Local Government, Sport and Cultural Industries** (DLGSC) will lead medium term Action **1.4**, Environmental education at state owned infrastructure, short term Action **1.5** Perth Cultural Centre demonstration project, and medium term Action **1.6** Support local government waste management. DLGSC is also leading short to medium term Action **3.9** DLGSC recycled content for building projects and short to medium term Action **3.10** DLGSC single use plastics avoidance at all state owned culture and sport venues, and advocacy for this at state sporting facilities managed by others. DWER and DLGSC will work together to lead short term Action **4.1** Develop

waste plan support and guidance in consultation with local government for local government waste plans consistent with the Waste Strategy 2030. In addition, DLGSC is responsible for leading the short term Action **7.5** MyCouncil: Reporting waste data, in collaboration with DWER, to report local government waste data on the MyCouncil website to increase transparency and encourage benchmarking and improved performance on local government waste and recycling performance, with the first of the annual reporting being posted to the MyCouncil website in April 2019.

- The **Water Corporation** is responsible for leading the ongoing Action **1.14**, Reduce waste from wastewater management. The Department of Finance (DoF) is responsible for leading short term Action **3.3** Develop better practice procurement framework for government purchase of goods and services, short to medium term Action **3.4** Common Use Agreement updates to reduce use of disposable plastic based products and increase purchasing of recycled and low waste products, long term Action **3.5** Mandatory requirements: Government construction projects and medium term Action **3.6** Reporting protocol including thresholds for reuse, recycling, recovery and disposal.
- The **Department of Communities** (DoC) is responsible for short to medium term Action **3.7** DoC construction project targets to establish targets for recycling and recycled material in construction projects, and the short to medium term Action **3.8** DoC project tendering to include provisions for waste avoidance and resource recovery.
- **Main Roads Western Australia** (MRWA) is leading Actions in the Roads to Reuse trial of recycled construction and demolition materials as road base. MRWA is supporting the use of recycled construction and demolition materials in road base. MRWA is commencing with the Roads to Reuse trial using approximately 25,000 tonnes of recycled road base in major road widening projects. The trial aims to test the Roads to Reuse product specification which ensures the protection of public health and the environment, and an accompanying testing and independent auditing regime. These actions cross reference to Actions **3.11, 3.12 and 3.13**. Subject to ongoing independent testing, MRWA intends to increase its use of recycled material. In addition, MRWA is leading

medium term Action **3.14** Use of recycled C&D – beyond 2020 and the short term Action **3.15** Use of crumbed scrap tyre rubber for asphalt projects to develop and implement alternative crumbed scrap rubber bituminous binders to double usage by MRWA and local governments to over 1200 tonnes per year by 2021.

The intended collective outcomes from all of the actions identified provide significant opportunities in line with the waste hierarchy: to **avoid** waste, to **recover** waste through improving the State's waste and recycling practices and performance and to support the "Our Priorities: Sharing Prosperity" program; "Make a cleaner, more sustainable environment: By 2030 at least 75% of waste generated in WA is reused or recycled.", and **protect** the environment by managing waste responsibly.

The various targets specified in the Waste Strategy for waste avoidance, resource recovery and protection of the environment are ambitious yet achievable if the actions in the Action Plan are undertaken as collaboratively, efficiently and effectively as possible.

Headline Strategies and associated actions led by, or funded by, the Waste Authority, including Budget Allocations in 2019-20

Consistent with the overall Waste Strategy 2030 and the associated Action Plan, the Waste Authority's priorities and budget allocations for 2019-20 include:

Headline Strategy 1

Develop state-wide, evidence-based communications to support consistent messaging on waste avoidance, resource recovery and appropriate waste disposal behaviours, which lead to behaviour change.

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	1.1 WasteSorted communications toolkit Build on and maintain the existing local government communications toolkit for consistent messaging relating to better practice kerbside service delivery and to support FOGO implementation in Perth and Peel.	Ongoing	This work will continue in 2019-20 and the following two years. The estimated allocation is \$210,000 in 2019-20, and up to \$260,000 per year may be allocated in the following two years. This WasteSorted communications toolkit is directly linked with the Revised Better Bins (FOGO) actions in Headline strategy 2 (below) and will be undertaken in a complementary manner and in parallel with the Own your Impact action (Action 1.2) and the Major Behaviour Change Program (Action 1.3) both being led by DWER.
DWER	1.2 Own Your Impact Maintain and enhance the Own Your Impact program to ensure that it is providing targeted up to date information and guidance to the community on key Waste Strategy initiatives. This will include delivery of key near-term campaigns prior to a subsequent behaviour change campaign.	Short Term	The Own your Impact action is being undertaken in parallel with the Revised Better Bins (FOGO) actions in Headline strategy 2 (below) the WasteSorted communications toolkit (Action 1.1) led by the Waste Authority and the Major Behaviour Change Program (Action 1.3) led by DWER. DWER will continue to support state-wide communications and consistent messaging on waste avoidance, resource recovery and appropriate waste disposal behaviours though the continued work on the Own Your Impact program. This DWER led action is addressed in the Service Level Agreement between the Waste Authority and DWER.

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
DWER	<p>1.3 Major behaviour change program</p> <p>Develop and implement a major behaviour change program covering social marketing, media, education and engagement.</p>	Short to long term	<p>The major behaviour change program action is being undertaken in parallel with the WasteSorted communications toolkit (Action 1.1) led by the Waste Authority and the Own Your Impact program (Action 1.2) led by DWER and will be directly linked with the Revised Better Bins (FOGO) actions in Headline strategy 2 (below).</p> <p>DWER will develop a business case and subsequently implement a major long-term behaviour change campaign that will be informed by:</p> <ul style="list-style-type: none"> • Social research to determine initial program focus based on community readiness and expectations and priorities including: <ul style="list-style-type: none"> • Food and garden organics waste (FOGO) • Recycling contamination in kerbside collection systems • Awareness of the benefits of recycling and using recycle products • Impacts of illegal dumping. • Staged program design by specialist behavioural change and social marketing expertise • Timing of potential future regulatory change and infrastructure provisions, to better enhance community behaviour change that is led by State Government. <p>Funding is required for DWER to undertake this short to long term Major Behaviour Change Action 1.3. In 2019-20, there is a specific WARR Account allocation of \$200,000 for this work. This DWER led action is approved by the Minister under Section 80 and is addressed in the Service Level Agreement between the Waste Authority and DWER.</p>

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	<p>1.7 Guidance: Household Hazardous Waste Program</p> <p>In consultation with key stakeholders, review, update and publish Guidelines for the design and operation of facilities for the acceptance and storage of household hazardous waste, to support the Household Hazardous Waste Program.</p>	Short term	<p>Household hazardous waste includes paint, pesticides, chemicals, used oil and light globes among other items. The Guidelines for the design and operation of facilities for the acceptance and storage of household hazardous waste, will be finalised in 2019-20. No specific funding is allocated for this work in 2019-20 as it will be undertaken within existing staff resources covered in the Service Level Agreement.</p> <p>This guidance work supports the Household Hazardous Waste Program administered by WALGA. The Waste Authority has a five year \$8.5m funding agreement in place with WALGA to deliver the Household Hazardous Waste Program. This program commenced in 2018-19. In the 2019-20 year \$1,830,200 is allocated. 2020-21 has \$1,770,450 allocated. 2021-2022 has \$1,763,250 allocated. The final year of this current five year funding agreement is 2022-2023 with \$1,736,100 allocated.</p>
Waste Authority	<p>1.8 Update Waste Authority Position Statements</p> <p>Review and update Waste Authority Position Statements on waste to energy and the waste hierarchy.</p>	Short term	<p>Position statements on waste to energy and the waste hierarchy will be updated over the next two years consistent with the Waste Strategy, and will be aligned with the Environmental Protection Authority's advice on residual waste. This work will be undertaken in 2019-20 within existing staff resources covered in the Service Level Agreement.</p>

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	<p>1.9 Better practice uptake</p> <p>In consultation with all relevant stakeholders, identify better practice priorities and develop, trial and publish relevant better practice guidance documents, and encourage their adoption.</p>	Short-medium term	<p>Better practice guidance documents will be developed over the next 1-4 years in consultation with all relevant stakeholders.</p> <p>The priority focus is on better practice local government waste services as covered in action 1.10 (below).</p> <p>This work will be undertaken in 2019-20 within existing staff resources covered in the Service Level Agreement.</p>



Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	<p>1.10 Better practice local government waste services</p> <p>Develop and publish better practice guidance for food organics and garden organics (FOGO) kerbside services, vergeside waste collection services and drop-off facilities to support local government development of waste plans and their adoption of better practice.</p>	Short-medium term	<p>Significant work is planned in developing better practice guidance for Local Government waste services including kerbside, vergeside and drop off services. Local Government waste plans (action 4) will reference these guidelines and encourage their adoption.</p> <p>The Waste Authority will develop and publish better practice kerbside collection guidelines to include food organics and garden organics (FOGO) over the next year. This work links directly with Headline strategy 2 and Action items 2.2, 2.3, 2.4 (below) now consolidated into one work program to 'Revise, plan and implement Better Bins FOGO'.</p> <p>In relation to vergeside waste collection services, better practice guidelines will be developed in continued consultation with the existing WALGA working group. In relation to drop-off waste collection facilities to support local government waste plans and adoption of better practice.</p> <p>These Waste Authority led activities on better practice guidance for food organics and garden organics kerbside services, vergeside waste collection services and drop-off facilities to support local government development of waste plans and their adoption of better practice are separate to but linked with the DWER led work over the next five years on Action 1.11 Managing waste in regional/remote communities. It is also directly linked to the DWER and DLGSC work in Headline strategy 4 on developing and supporting local government waste plans aligned to the Waste Strategy 2030 (Actions 4.1, 4.2 and 4.3).</p>

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
DWER	<p>1.11 Managing waste in regional/remote communities.</p> <p>In consultation with relevant State Government agencies, local government and communities, DWER intends to develop pragmatic guidelines for the design, maintenance and management of waste services and infrastructure in regional/remote communities, including Aboriginal communities.</p>	Short to medium term	This DWER led action is addressed in the Service Level Agreement between the Waste Authority and DWER.
Waste Authority	<p>1.12 Waste Wise Schools (WWS) expansion</p> <p>Continue to extend the WWS program with a focus on:</p> <ul style="list-style-type: none"> • developing more high school resources to provide more motivation for high schools to engage with the WWS program and increase their diversion of waste from landfill. • extending the WWS program to more schools in regional areas through the establishment of regional partnerships to meet demand for face to face school support in regional areas. 	Medium term	<p>The Waste Wise Schools program has been operating since 2002 and has been focussed on improving sustainability through reducing waste in schools. In 2018-19 there was a new expansion into high schools. This is intended to continue in 2019-20.</p> <p>The Waste Wise Schools program will be undertaking an evaluation program in 2019-20, with the intention to refocus efforts on waste avoidance and waste recovery related behaviour change.</p> <p>The 2019-20 allocation is \$549,000 which includes the planned evaluation, and a range of operational activities such as teacher workshops, curriculum development, provision of resources and grants (grant funds in 2019-20 estimated at \$150,000 noting this is to be confirmed).</p>

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	Infinity Awards	Ongoing annual event	Highlighting achievements and recognising best practice in waste avoidance, recovery and environmental protection is an important aspect of Headline Strategy 1. The Infinity Awards are intended to showcase waste related success stories to increase the adoption of best practice in waste avoidance, resource recovery and protection of the environment. In 2019-20 this program has an allocation of \$140,000 to recognise, reward and promote the adoption of positive behaviours, practices and innovation that contribute to the objectives of the Waste Strategy.
Waste Authority	National Recycling Week and media promotion	Ongoing annual event	In 2019-20 this program has an allocation of \$20,000.
Waste Authority	Review of the Waste Authority website including ongoing maintenance	Ongoing	In 2019-20 the Waste Authority website will require ongoing review and maintenance. This work will be undertaken in 2019-20 within existing staff resources covered in the Service Level Agreement.
Waste Authority	Sponsorship (Waste and Recycling Conference and other sponsorship opportunities)	Ongoing annual events	In 2019-20 the Waste Authority's sponsorship of the WALGA organised Waste and Recycle Conference, in addition to other relevant sponsorship to help communicate the key messages of the Waste Strategy, will be supported by an allocation of \$40,000.

In addition to the Waste Authority led actions and the DWER led actions described above and being funded through the WARR Account, a number of State Government agencies are leading actions in support of Headline strategy 1. These include:

- The **Department of Local Government, Sport and Cultural Industries** (DLGSC) will lead medium term Action **1.4**, Environmental education at state owned infrastructure, short term Action **1.5** Perth Cultural Centre demonstration project, medium term Action **1.6** Support local government waste management, and over the next five years, Action **1.13** Requiring use of Better Bins infrastructure (where appropriate) and messaging in sporting and cultural venues.
- The **Water Corporation** is responsible for leading the ongoing Action **1.14**, Reduce waste from wastewater management.

Headline Strategy 2

A consistent three bin kerbside collection system, which includes separation of food organics and garden organics from other waste categories, to be provided by all local governments in the Perth and Peel region by 2025 and supported by State Government through the application of financial mechanisms.

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	<p>2.2 Revise Better Bins with a FOGO focus</p> <p>Review and update the Better Bins funding program and better practice guidelines for kerbside collection to include, and support the adoption of, three bin FOGO collection systems</p>	Short term	<p>In April 2019, the Minister for Environment approved the Waste Authority's Food Organics Garden Organics (FOGO) Position Statement which was Action 2.1 (completed 2018-19). There is a direct link between this Headline strategy and all the associated actions with the communications actions such as the WastedSorted Communications Toolkit (Action 1.1) and other agencies communications programs including those run by DWER (Own your Impact and Behaviour Change) and DLGSC as specified in the Action Plan.</p> <p>The aim is for all local governments in the Perth and Peel region to have consistent three bin FOGO kerbside collection systems in place by 2025. Actions 2.2, 2.3 and 2.4 have been consolidated into one combined approach to 'Revise, plan and implement Better Bins FOGO' and which includes:</p>

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	<p>2.3 Plan for three bin FOGO system roll out</p> <p>In consultation with local government, develop a plan for the phased introduction of three bin FOGO kerbside collection systems in Perth and Peel, including coverage requirements, processing and infrastructure needs, market scoping and development, mechanisms for transition from non-FOGO two and three bin services, and flexibility to allow for contractual transition.</p>	Short term	<p>(2.2) Updating the funding program and better practice guidelines kerbside collection to include, and support the adoption of, three bin FOGO collection systems</p> <p>(2.3) In consultation with local government, develop a plan for the phased introduction of three bin FOGO kerbside collection systems in Perth and Peel, including coverage requirements, processing and infrastructure needs, market scoping and development, mechanisms for transition from non-FOGO two and three bin services, and flexibility to allow for contractual transition, and</p> <p>(2.4) Implement three-bin FOGO systems across local governments in the Perth and Peel region, with funding support through the revised Better Bins program.</p>

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	<p>2.4 Implement three bin FOGO system</p> <p>Implement three-bin FOGO systems across local governments in the Perth and Peel region, with funding support through the revised Better Bins program.</p>	Short-medium term	<p>In 2018-19, the Waste Authority consulted with local government on the design of a revised Better Bins program to support FOGO kerbside collection systems in Perth and Peel.</p> <p>A total allocation for these combined action in 2019-20 is \$3,800,000, and potentially a further allocation in each year to 2025 (to be confirmed). The specific allocation of funds in 2019-20 and beyond to these actions is yet to be determined and will be reviewed over the next year, as it depends largely on the speed of take up of the FOGO three bin system. This in turn is influenced by the availability of suitable infrastructure, increased organics processing capacity, markets for recycled organic products and behaviour change targeting households.</p> <p>The benefits of the combined action to revise, plan and implement Better Bins FOGO include:</p> <ul style="list-style-type: none"> • Maximising kerbside recovery rates • Enabling recovery of food waste • Supporting the National Food Waste Strategy and achieving consistency with other jurisdictions • Cost savings associated with diverting waste from landfill.

Headline Strategy 3

Implement sustainable government procurement practices that encourage greater use of recycled products to develop local market development.

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Main Roads Western Australia (MRWA)	<p>3.12 Use of recycled C&D – 2019 Subject to ongoing independent audit testing by DWER or the Waste Authority, MRWA to use over 100,000 tonnes of crushed recycled concrete on selected projects in 2019, with access to Roads to Reuse program funding as appropriate.</p> <p>AND</p> <p>3.13 Use of recycled C&D – 2020 Subject to ongoing independent audit testing by DWER or the Waste Authority, MRWA to use over 200,000 tonnes of crushed recycled concrete on selected projects in 2020, with access to Roads to Reuse program funding as appropriate.</p>	Short term	<p>Main Roads Western Australia (MRWA) is leading Actions in the Roads to Reuse trial of recycled construction and demolition materials as road base. In 2018-19 as Action 3.11, MRWA worked with the Waste Authority and DWER to trial the use of approximately 25,000 tonnes of recycled road base.</p> <p>In 2019-20, the Waste Authority has allocated a further \$394,000 under the Roads to Reuse program to support product testing and independent audit of construction and demolition materials to be used in road base and other suitable uses. This links to the anticipated Action 3.14 Use of recycled C&D – beyond 2020, whereby MRWA will continue to work closely with DWER and the Waste Authority to double these targets, whilst ensuring that independent audit testing and firm action achieve full compliance with maximum permissible limits of contaminants. Ideally, the Roads to Reuse program would support the development of a testing and auditing regime and over the longer term this would become the responsibility of industry to manage.</p> <p>In addition, MRWA is leading the short term Action 3.15 Use of crumbed scrap tyre rubber for asphalt projects to develop and implement alternative crumbed scrap rubber bituminous binders to double usage by MRWA and local governments to over 1200 tonnes per year by 2021.</p> <p>In the event the Roads to Reuse pilot is successful, funding support for a full rollout of the program needs to be determined.</p>

In addition to the Waste Authority led actions described above, a number of other State Government agencies are leading actions in support of Headline strategy 3. These include:

- **DWER** is responsible for short term Action **3.1** Identify options and priority actions to reduce waste through procurement.
- **DWER** will lead short to medium term Action **3.2** Implement reducing waste through procurement program through leading collaboration between state government agencies and industry to implement sustainable government procurement measures and policies.

These DWER led actions are addressed in the Service Level Agreement between the Waste Authority and DWER.

- The **Department of Local Government, Sport and Cultural Industries** (DLGSC) will lead short to medium term Action **3.9** DLGSC recycled content for building projects and short to medium term Action **3.10** DLGSC single use plastics avoidance at all state owned culture and sport venues, and advocacy for this at state sporting facilities managed by others.
- The **Department of Finance** (DoF) is responsible for leading short term Action **3.3** Develop better practice procurement framework for government purchase of goods and services, short to medium term Action **3.4** Common Use Agreement updates to reduce use of disposable plastic based products and increase purchasing of recycled and low waste products, long term Action **3.5** Mandatory requirements: Government construction projects and medium term Action **3.6** Reporting protocol including thresholds for reuse, recycling, recovery and disposal.
- The **Department of Communities** (DoC) is responsible for short to medium term Action **3.7** DoC construction project targets to establish targets for recycling and recycled material in construction projects, and the short to medium term Action **3.8** DoC project tendering to include provisions for waste avoidance and resource recovery.

Headline Strategy 4

Implement local government waste plans, which align local government waste planning processes with the Waste Avoidance and Resource Recovery Strategy 2030.

DWER will lead a number of the actions required under this Headline strategy 4. Specifically, DWER's priority actions are:

- **DWER** and the **Department of Local Government, Sport and Cultural Industries** (DLGSC) will work together to lead short term Action **4.1** Develop waste plan support and guidance in consultation with local government for local government waste plans consistent with the Waste Strategy 2030.
- Short term Action **4.2** Notify local governments of waste plan requirements
- Short to medium term Action **4.3** Support local governments to meet waste plan requirements.

These DWER led actions are addressed in the Service Level Agreement between the Waste Authority and DWER.

Headline Strategy 5

Review the scope and application of the waste levy to ensure it meets the objectives of the Waste Avoidance and Resource Recovery Strategy 2030 and establish a schedule of future waste levy rates with the initial schedule providing a minimum five year horizon.

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
DWER	<p>5.4 Litter strategy</p> <p>Implement the litter prevention strategy to reduce littering and manage its impacts in partnership with the Keep Australia Beautiful Council</p>	Ongoing	<p>\$861,000 in 2019-20 grant funding for the Keep Australia Beautiful Council WA from WARR Account.</p> <p>The Keep Australia Beautiful Council WA provides leadership in the field of litter prevention and reduction in Western Australia. Through community awareness and engagement, education, legislation and enforcement strategies, the Council works to change the attitudes and behaviours of the community and strives for a litter-free WA. By offering a range of innovative programs and initiatives for individuals and community groups as well as schools, businesses, community groups and local government authorities, the Council hopes to inspire community action and positive environmental outcomes.</p>

DWER will lead the actions required for Headline Strategy 5, and these are covered in the Service Level Agreement. Specifically, DWER's priority actions are:

- Short term Action **5.1** Waste levy review in consultation with relevant stakeholders, to review scope and application of the levy
- Short term Action **5.2** Schedule of levy rates for a minimum five year projection
- Medium term Action **5.3** Amend WARR levy Regulations
- Short to medium term Action **5.5** Illegal dumping strategies to detect, investigate and prosecute illegal dumping
- Short to medium term Action **5.6** Improved regulatory framework for waste, including waste derived materials
- Medium term Action **5.7** Improved regulatory compliance
- Medium term Action **5.8** Improved levy compliance

Headline Strategy 6

Undertake a strategic review of Western Australia's waste infrastructure (including landfills) by 2020 to guide future infrastructure development.

DWER will lead the actions required under this Headline Strategy 6. Specifically, DWER's priority actions are:

- Short term Action **6.1** State waste infrastructure audit
- Short to medium term Action **6.2** State Waste Infrastructure Plan, to be developed in consultation with state government agencies, local government and the waste industry
- Medium term Action **6.3** Guidance for waste infrastructure planning
- Medium to long term Action **6.4** Options for improving waste infrastructure planning

These DWER led actions are addressed in the Service Level Agreement between the Waste Authority and DWER.

Headline Strategy 7

Review and update data collection and reporting systems to allow waste generation, recovery and disposal performance to be assessed in a timely manner.

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	7.1 Waste Data Strategy Develop, release and implement the Waste Data Strategy.	Ongoing	The draft data strategy is in development and will be released following further consultation in 2019-20. This work will be undertaken in 2019-20 within existing staff resources covered in the Service Level Agreement.
DWER	7.2 Mandatory reporting of waste and recycling data to commence in the 2019-20 year	Short term	The online system for waste data reporting is required to be in place for 1 July 2020. This will replace the spreadsheets previously used for the voluntary reporting of waste data from liable entities including local governments, recyclers and regional landfill operators in the annual Local Government Waste and Recycling Census and the Recycling Activity in Western Australia report. A secure and centralised online reporting system for mandatory reporting under the amended Waste Avoidance and Resource Recovery Regulations 2008 will increase data accuracy and timeliness and meet stakeholder expectations.
	7.3 Online system for waste reporting, to be in place for 1 July 2020	Short term	The estimated cost of this Action 7.3 online system development is \$500,000 to be funded through a 2019-20 WARR Account budget allocation.
	7.4 Improved waste data systems and methodology	Short – medium term	Action 7.4 Improved waste data (includes waste data collection, reporting and analysis) will need an allocation of \$75,000 in 2019-20. Other DWER led work undertaken to support Headline strategy is addressed in the Service Level Agreement between the Waste Authority and DWER.

In addition to the Waste Authority and DWER led actions described above to support this Headline strategy 7:

- The **Department of Local Government, Sport and Cultural Industries** (DLGSC) is responsible for leading the short term Action **7.5** MyCouncil: Reporting waste data, in collaboration with DWER, to report local government waste data on the MyCouncil website to increase transparency and encourage benchmarking and improved performance on local government waste and recycling performance. This will be undertaken annually, noting the first of the annual reporting was posted to the MyCouncil website in April 2019.



Headline Strategy 8

Provide funding to promote the recovery of more value and resources from waste, with an emphasis on focus materials.

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	<p>8.2 Facilitate waste avoidance and recovery</p> <p>Identify priority areas of need for funding, and establish a funding program(s) to support adoption of waste avoiding practices and behaviour and to support the concept of a circular economy through the recovery of resources from waste, with an emphasis on:</p> <ul style="list-style-type: none"> • focus materials • reuse and low-waste alternatives • community, government and industry initiatives that lead to waste avoidance and resource recovery • increasing the uptake of better practice approaches 	Short term	<p>There are a number of funded programs that relate to this far reaching Action 8.2 to facilitate waste avoidance and recovery of materials. There are clearly links to many of the other actions described elsewhere in the Action Plan and elsewhere within this Business Plan.</p> <p>In 2019-20 these include:</p> <p>A \$70,000 allocation to initiatives delivered under the National Waste Policy 2018 including product stewardship.</p> <p>A \$75,000 allocation to state and national food waste initiatives.</p> <p>The Community and Industry Engagement funding program.</p> <p>The Waste Authority intends to review both the Charitable recycler dumping reduction program and the Charitable recycling organisation rebate in 2019-20 with the intention to increase the work in preventative actions to reduce dumping at charitable recycler facilities and therefore reduce the reliance on the rebate scheme.</p> <p>In 2019-20 these programs will be combined into one \$300,000 program, with an allocation of \$50,000 to Charitable Recycler Dumping Reduction program, potentially increasing in the out years depending on the success of the preventative strategies to be implemented.</p> <p>Improved prevention will reduce the need for the rebate scheme. In 2019-20 the program has an allocation of \$250,000 for the Charitable Recycling Organisation Rebate, potentially reducing in 2020-21 and further reducing in the out years as the preventative strategies start to take effect.</p>



Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	<p>8.3 Infrastructure support program</p> <p>Develop and implement a recycling infrastructure support program that delivers funding and other support for the development of local resource recovery infrastructure.</p>	Short term	<p>The Waste Strategy 2030 recognises that further support is required for local recycling infrastructure for improved resource recovery. In 2019-20, there is a \$1,613,750 allocation in the combined Community and Industry Engagement (CIE) program.</p> <p>This combined 2019-20 CIE program now includes the previous 'Engagement in Action' program and the previous 'Community Grants Scheme' into the overall CIE funding program. In 2019-20 there is a commitment to allocate a total of \$343,450 to existing funding agreements including:</p> <p>\$197,000 to the Garage Sale Trail under a one year extension with additional targets (noting the Garage Sale Trail initiative will be reviewed in 2019-20), and</p> <p>\$146,450 to Plastic Free Foundation under an existing multi-year Funding Agreement that includes an allocation of \$48,125 in 2020-21 and \$21,750 in 2021-22 (subject to ongoing Lotterywest funding support).</p>
Waste Authority	<p>8.4 Reprocessing feasibility research</p> <p>Consider medium to long term options for reprocessing in Western Australia, taking into account known standards, technologies, viabilities and potential barriers.</p>	Short term	<p>Preliminary work will be undertaken within existing staff resources covered in the Service Level Agreement and it may be that a consultant will be required in 2020-21 to undertake the required reprocessing feasibility research.</p>

In addition to the Waste Authority led actions described above, **DWER** will be undertaking action to support this Headline Strategy 8. The 2019-20 and ongoing DWER actions include:

- Ongoing Action **8.1** Product stewardship schemes including the container deposit scheme (to commence March 2020) and working with the Australian Packaging Covenant Organisation.

These DWER led actions are addressed in the Service Level Agreement between the Waste Authority and DWER.

Additional Waste Authority Priority Project for 2019-20 Funding

In addition to the Headline Strategies and associated actions, the Waste Authority has the following priority project for funding in 2019-20:

Lead	Actions	Timing	Specific 2019-20 Plans and Budget Allocation
Waste Authority	Evaluation Framework	Short term	<p>In accordance with the Waste Strategy, the delivery of the Waste Strategy 2030 Action Plan is to be supported by an evaluation framework to guide the evaluation of actions. The framework will allow the degree to which actions are meeting the intent of the Waste Strategy to be evaluated and potential improvements identified.</p> <p>The evaluation framework will ensure an approach to evaluation that is consistent, transparent and evidence based.</p> <p>The 2019-20 allocation for this work is \$100,000.</p>

Five year priorities

The Waste Authority's objectives over the next five years will remain aligned with the Waste Strategy 2030 and the Premier's priority to recover at least 75% of waste by 2030.

The Waste Authority's medium term priorities, as outlined in the Action Plan include addressing the Waste Authority led actions under the relevant Headline strategies including:

- **Headline Strategy 1** - In consultation with stakeholders, identify better practice priorities and develop, trial and publish relevant better practice guidance documents, and encourage adoption, and supporting DWER to implement a major long-term behaviour change campaign covering social marketing, media, education and engagement;
- **Headline Strategy 2** – Supporting local governments implement three-bin FOGO systems across all local governments in the Perth and Peel region by 2025, with funding support through the revised Better Bins program;
- **Headline Strategy 3** – Supporting sustainable procurement practices that encourage greater use of recycled products and support local market development;
- **Headline Strategy 6** - Supporting DWER to undertake an audit of existing waste infrastructure and a needs analysis to determine the waste infrastructure required to meet the objectives and targets in the Waste Strategy;
- **Headline Strategy 7** – Supporting DWER to review and update data collection and reporting systems to allow waste generation, recovery and disposal performance to be assessed in a timely manner;
- **Headline Strategy 8** – Providing funding to promote the recovery of more value and resources from waste with an emphasis on focus materials.

Budget for 2019-2020

Business plan activity area	Waste Strategy objective				2019-20 \$	
	Avoid	Recover	Protect	Foundation		
Waste Authority led or directly funded programs						
Headline Strategy 1						
1.1 WasteSorted communications toolkit	✓	✓	✓	✓	\$210,000	
1.2 Own your Impact	✓	✓	✓	✓	Covered in SLA	
1.7 Guidance: Household Hazardous Waste Program (HHW funding agreement with WALGA)	✓	✓	✓	✓	\$1,830,200	
1.8 Update Waste Authority Position Statements	✓	✓	✓	✓	Covered in SLA	
1.9 Better practice uptake	✓	✓	✓	✓	Covered in SLA	
1.10 Better practice local government waste services (vergeside and drop off)	✓	✓	✓	✓	Covered in SLA	
1.11 Managing waste in regional/remote communities	✓	✓	✓	✓	Covered in SLA	
1.12 Waste Wise Schools (WWS) expansion				✓	\$549,000	
Infinity Awards				✓	\$140,000	
National Recycling Week				✓	\$20,000	
Sponsorship (W&R Conference, Convention)				✓	\$40,000	

Business plan activity area	Waste Strategy objective				2019-20 \$
	Avoid	Recover	Protect	Foundation	
Headline Strategy 2					
2.2 Revise Better Bins with a FOGO focus		✓			\$3,800,000
2.3 Plan for three bin FOGO system roll out		✓			
2.4 Implement three bin FOGO system		✓			
Headline Strategy 3					
3.1 Identify options and priority actions to reduce waste through procurement	✓	✓			Covered in SLA
3.2 Implement reducing waste through procurement program	✓	✓			Covered in SLA
3.12 Use of recycled C&D – 2019 (Includes Roads to Reuse – Product Testing Scheme) and 3.13 Use of recycled C&D – 2020 (Includes Roads to Reuse – Product Testing Scheme)		✓			\$394,000
Headline Strategy 4					
4.1 Develop waste plan support and guidance				✓	Covered in SLA
4.2 Notify local governments of waste plan requirements				✓	Covered in SLA
4.3 Support local governments to meet waste plan requirements				✓	Covered in SLA

Business plan activity area	Waste Strategy objective				2019-20 \$
	Avoid	Recover	Protect	Foundation	
Headline Strategy 5					
5.1 Waste levy review				✓	Covered in SLA
5.2 Schedule of levy rates				✓	Covered in SLA
5.3 Amend WARR Levy Regulations				✓	Covered in SLA
5.4 Litter Strategy Keep Australia Beautiful Council WA (Grant Funding from WARR Account)			✓	✓	\$861,000
5.5 Illegal dumping strategies			✓	✓	Covered in SLA
5.6 Improved regulatory framework for waste			✓	✓	Covered in SLA
5.7 Improved regulatory compliance			✓	✓	Covered in SLA
5.8 Improved levy compliance			✓	✓	Covered in SLA
Headline Strategy 6					
6.1 State waste infrastructure audit			✓	✓	Covered in SLA
6.2 State Waste Infrastructure Plan		✓	✓	✓	Covered in SLA
6.3 Guidance for waste infrastructure planning		✓	✓	✓	Covered in SLA
6.4 Options for improving waste infrastructure planning		✓	✓	✓	Covered in SLA

Business plan activity area	Waste Strategy objective				2019-20 \$
	Avoid	Recover	Protect	Foundation	
Headline Strategy 7					
7.1 Waste Data Strategy		✓	✓	✓	Covered in SLA
7.2 Mandatory reporting of waste and recycling data		✓	✓	✓	Covered in SLA
7.3 Online system for waste reporting		✓	✓	✓	\$500,000
7.4 Improved waste data (includes waste data collection, reporting and analysis)		✓	✓	✓	\$75,000
Headline Strategy 8					
8.1 Product stewardship	✓	✓	✓	✓	\$70,000
8.2 Facilitate waste avoidance and recovery (Includes National and State Food Waste Projects)	✓	✓	✓	✓	\$75,000
8.2.1 Combined Charitable recycler dumping reduction program and Charitable recycling organisation rebate	✓	✓	✓	✓	\$300,000
8.3 Infrastructure support program - combined Community and Industry Engagement program (including former 'Engagement in Action' and 'Community Grants Scheme' programs)	✓	✓	✓	✓	\$1,613,750
8.4 Reprocessing feasibility research	✓	✓	✓	✓	Covered in SLA
Additional Waste Authority Priority Project in 2019-20					
Waste Strategy 2030 Evaluation Framework				✓	\$100,000
SUB TOTAL					\$10,577,950

Business plan activity area	Waste Strategy objective				2019-20 \$
	Avoid	Recover	Protect	Foundation	
Services and functions funded under Section 16 and Section 80 of the WARR Act and covered in the SLA					
Program and policy design, development and management				✓	Covered in SLA
Administration and overheads				✓	Covered in SLA
Levy inspection, compliance and enforcement				✓	Covered in SLA
Waste Authority support				✓	Covered in SLA
Illegal dumping			✓	✓	Covered in SLA
Ministerial and Director General support				✓	Covered in SLA
Communications				✓	Covered in SLA
SUB TOTAL					\$8,471,050
Specific 2019-20 functions funded under Section 80 of the WARR Act and covered in the SLA					
Container Deposit Scheme		✓	✓		\$775,000
Single use plastics (TBD following consultation process)	✓		✓		\$500,000
Plastic bag ban					\$226,000
1.3 Major behaviour change program	✓	✓	✓	✓	Section 80 Approval by Minister with a specific allocation of \$200,000
SUB TOTAL					\$1,701,000
TOTAL					\$20,750,000

Financial Projections

Waste Avoidance and Resource Recovery Account

A levy on waste disposed of to landfill in the Perth metropolitan region and on waste generated in the Perth metropolitan region and disposed of elsewhere in the state is imposed under the [Waste Avoidance and Resource Recovery Levy Act 2007](#) (WARR Levy Act).

Scheduled increases in the waste levy rate

Period	Putrescible rate/tonne	Approx. inert rate/tonne*	Inert rate/m ³
1 July 2017 to 30 June 2018	\$65	\$60	\$90
1 July 2018 onwards	\$70	\$70	\$105

* One cubic metre of inert waste in situ within the landfill is treated as equivalent to 1.5 tonnes.

The WARR Act requires that not less than 25 per cent of the forecast levy amount for the financial year is paid into the WARR Account. The Department of Water and Environmental Regulation forecast is that waste levy revenue will be \$83.75 million and the expenditure limit imposed on the WARR Account is therefore \$20.75 million in each of the next five years. The WARR reserve is estimated to reach some \$41,000,000 by the end of 2018-19.

Estimated revenue and expenditure from the WARR Account 2018-19 to 2022-23

Description	2018-19 Forward Estimate \$'000	2019-20 Forward Estimate \$'000	2020-21 Forward Estimate \$'000	2021-22 Forward Estimate \$'000	2022-23 Estimate \$'000
Receipts					
Interest received	750	750	750	750	750
Waste levy revenue	83,000	83,000	83,000	83,000	83,000
Total receipts	83,750	83,750	83,750	83,750	83,750
Waste levy rate	25%	25%	25%	25%	25%
Payments					
Expenditure	20,750	20,750	20,750	20,750	20,750
Total expenditure limit	20,750	20,750	20,750	20,750	20,750

Levy rate review

The last scheduled increase in the levy rate was on 1 July 2018. In March 2019, the Minister announced no further increases to the levy over the next two years.

The Waste Authority may provide advice to the Minister for Environment on further changes to the levy rate beyond this period, in accordance with Section 4 of the WARR Act.

Section 16 funded services and Section 80 funded functions

Section 16 of the WARR Act states that the Minister must ensure the Waste Authority is provided with such services and facilities as are reasonably necessary to enable it to perform its functions.

Section 80 of the WARR Act provides that moneys held in the WARR Account can be applied as approved by the Minister to fund a range of activities undertaken by the Department of Water and Environmental Regulation (DWER).

The 2019-20 initiatives funded under Sections 16 and 80 as approved by the Minister are as below.

Program and policy design, development and management

- Delivery of **strategic policy** including policies and programs to avoid generating waste, recovering more value and resources from waste and protecting human health and the environment, development of regulatory and legislative amendments to waste-related legislation and national policy.
- Services to ensure that WARR Account funded activities are planned, implemented and evaluated effectively and in accordance with the WARR legislation, *Financial Management Act 2006* and State Supply Commission policy.

Support for the Waste Authority

- This includes development and review of the Waste Strategy and Action Plan, development of the annual business plan and annual report, governance, meeting administration and members' sitting fees, travel and accommodation expenses.

Administration and overheads

- Administrative and overhead costs includes those associated with finance and administration, business systems, human resources, legal services and accommodation provided by the Department.

Director General and Ministerial Liaison

- This includes correspondence and advice on WARR related issues, ministerial briefing notes, events and parliamentary question responses.

Communications

- Communications services including drafting media statements, responses to media enquiries and media monitoring, graphic design of publications, additional development and maintenance of the Waste Authority website, supporting the Waste Authority newsletter, and support for annual events such as the Local Government Convention and the Waste and Recycle Conference.

Strategic Policy, legislative reviews and amendments

- WARR Account funds will be applied to support DWER undertake **legislative reviews and amendments**. This includes: Strategic Policy, National Policy, Programs and Environmental Policy.



Compliance and enforcement activities

- **Levy compliance and enforcement** activities for landfill premises. The Department of Water and Environmental Regulation provides environmental investigative capability and single-point accountability for regulatory complaints to achieve state-wide enforcement outcomes in line with the WARR Act and the *Environmental Protection Act 1986*.
- An **illegal dumping** team in the Department of Water and Environmental Regulation delivers state-wide detection, investigation and prosecution of illegal dumping offenders. This team also seeks to reduce the incidence of illegal dumping through knowledge sharing with the community, industry and government regarding the impacts of illegal dumping. Ensuring that illegal dumping is detected, investigated and, where appropriate, prosecuted enhances the effectiveness of the waste levy as an economic motivator in increasing diversion from landfill.

Container deposit scheme

- WARR Account funds will be applied to support DWER to develop the State Government's commitment to deliver a **container deposit scheme** to prevent litter and promote recycling.

Single Use Plastics

- WARR Account funds will be applied to support DWER to develop the State Government's commitment to the single use **plastic bag ban** and reduction in use of **single use plastics**.

Major Behaviour Change Program

- WARR Account funds will be applied to support DWER to develop a major behaviour change program based on social research regarding community readiness, expectations and priorities including: food and garden organics waste; recycling contamination in kerbside collection systems; awareness of the benefits of recycling and using recycle products; and impacts of illegal dumping.

These Section 16 services and Section 80 functions are provided through the Department of Water and Environmental Regulation in line with a memorandum of understanding (dated 23 September 2009) and a Service Level Agreement (SLA) between the two parties (most recently approved SLA is May 2019).



Funding Principles

The WARR Act requires that moneys held in the WARR Account are to be applied to support waste management activities and the diversion of waste from landfill through the recycling and recovery of waste. To support this aim, the Waste Authority has developed funding principles to ensure a clear link between funds provided from the WARR Account and relevant activities. Funds are applied to the development and delivery of initiatives that support attitude and behaviour change to enhance waste avoidance, resource recovery and protection of the environment from the impacts of waste.

FUNDING OBJECTIVES	
<ul style="list-style-type: none"> Promote the most efficient use of resources and prioritise the avoidance of waste, followed by its recovery of more value and resources from waste, over disposal. Protect the environment by reducing environmental harm, including pollution through waste. Be consistent with the principles set out in section 4A of the <i>Environmental Protection Act 1986</i>. 	
OUTCOME PRINCIPLES	
Shared responsibility and partnership – owning your impact	Funded activities should result in a reduction in the impact of waste generated and protect the state's environmental resources.
Innovation and growth	Funded activities should consider innovation that enables and expands our waste management capacity and know-how.
Better Practice	Funded activities should promote better practice approaches in waste management taking into account full costs, benefits and impacts of waste management decisions.
Waste as a resource	Funded activities should take into consideration the waste hierarchy, avoiding waste generation where possible, maximising waste recovery, and protecting the environment from impacts of disposal.
Intergenerational equity	Funded activities should ensure the health, diversity and productivity of our environment is maintained or enhanced for the benefit of future generations.
PROCESS PRINCIPLES	
Be efficient and effective	Funded activities should be cost-effective, efficient and deliver a net benefit to the State.
Integrity and accountability	Funded activities should be conducted in a manner that exhibits integrity and accountability and adheres to appropriate funding and governance processes
Be collaborative	Funded activities should involve collaboration with relevant agencies and stakeholders where it is likely to lead to an outcome that is associated with greater benefits for the state and/or deliver outcomes more efficiently.
Be informed	Funded activities should be developed and evaluated using an evidence-based approach informed by the collection and reporting of relevant data and information.
Stakeholder engagement	Funded activities should be informed by stakeholder engagement and designed and implemented in a way that is supported by relevant stakeholders.
Manage risk	Funded activities should be designed and implemented with appropriate identification, evaluation and risk management.

Extended Producer Responsibility Schemes

Container deposit scheme

The State Government has committed to implementing a container deposit scheme, which is an example of an extended producer responsibility scheme.

The container deposit scheme will involve consumers paying an additional amount as part of the product's purchase price. Those moneys will be used to pay refunds on empty containers and fund a collection system.

WARR Account funds will be applied to support the Department of Water and Environmental Regulation to develop a container deposit scheme for Western Australia.

National initiatives

The Waste Authority also places priority on contributing to national initiatives as part of the National Waste Policy (revised 2018), National Foodwaste Strategy and Environment Ministers' commitments. National commitments include the development and support for product stewardship schemes such as the Australian Packaging Covenant, the National Television and Computer Recycling Scheme, Paintback and tyre recycling. Product stewardship schemes are currently being developed for batteries and photovoltaic systems.

Other matters required by the Minister

The Minister does not require the Waste Authority to include any other matters in the 2019-20 Business Plan.



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