



DRAFT

Waste Strategy for Western Australia

Draft Waste Strategy

Workshop & Submission Analysis

29 January 2010



Waste Authority

 Your Say | **Waste WA**

Approach

1. *The data from the Workshops and Public Submissions were broken down and applied to the Draft Waste Strategy for Western Australia (the “Strategy”)*
2. *By looking at the data relating to a section in the Strategy, major themes (and sub-themes) were identified (e.g. the need for a greater focus on education).*
3. *Every piece of feedback was associated to one of the themes identified for a particular section.*
4. *This document was created. It outlines:*
 - *the themes identified;*
 - *the amount of feedback that focused on this theme;*
 - *the sub-themes identified;*
 - *some of the larger stakeholders that included this theme;*
 - *a link to the responses that included this theme; and*
 - *some high level recommendations around these themes and the feedback around them.*

Overview of Main Themes (by Section)

Section	Main Themes
1. Introduction	Previous Documents & Information, Roles and Responsibilities, Priorities, Definition of Waste, Provide Information, Community Engagement
2. Waste in WA	Collaboration & Endorsement, Comparative Data, Greater focus on C&D Waste, Incorrect/Unreliable Data, More information on Responsibilities, Resource Recovery Market/Facilities, Services for Non-metro, Aboriginal and Remote Communities
3. Values, aim, principles and objectives	Agreement, Aim Change/Clarification, Clarification, Cooperation, Economics and Effectiveness (Value for Money), Linkage, Measurable/More Focused, New Items, Objective Change/Clarification
4. Waste Avoidance	Community Engagement , Education, Enforcement, Government Leading By Example, New Items for Consideration , Product Stewardship, Waste Avoidance Target
5. Resource Recovery	Container Deposit, Definition, Education, Enforcement, Funding, Incentives, Infrastructure, Levy, Market Development, New Item for Consideration, Packaging, Product Stewardship, Recycling, Targets
6. Disposal	Consistency, Definition, Education, Funding, Hazardous Waste, Infrastructure, Legislation/Enforcement, Litter/Illegal Dumping, Metro vs. Rural, New Items for Consideration, Rules and Roles, Timeframes
7. Data	Data Structure, Infrastructure for Data Gathering, Links to Targets, National Consistency in Definition, Standardisation.
8. Monitoring, reporting and review	More Measurable Performance Indicators Needed, New Items for Consideration, Not enough Resources (people and money)
9. Business Plan	Endorsement, Funding, How targets will be achieved, Responsibilities & Interaction, Stakeholder Engagement/Involvement, Training
Other	Consistency, Definition, Education, Energy, Enforcement, Environmental (Greenhouse, Climate Change), Essential Service, Funding/Incentives, New Items for Consideration, Recycling, Regional Issues, Responsibilities & Accountabilities, Targets







Overview of Main Themes (Overall)

1. Funding and accountability
2. Education and awareness
3. Broad definition of waste
4. C&D Waste
5. C&I Waste

Main Actions Derived from the Stakeholder Consultation Process








1. Informing people
2. Funding and accountability
3. Do something about Extended Producer Responsibility
4. Do something about C&D waste
5. Do something about C&I waste

Analysis for Section 1: Introduction

Theme	# of Responses Relating to Theme (34 Responses)	Main Themes	Stakeholders who Included Theme	Actual Submission Data
Previous Documents & Information	3	<ul style="list-style-type: none"> Need to make reference to previous strategies and targets (i.e. how they lead to the current Strategy and why they fell short). 	WALGA	 Previous Documents and Information
Roles & Responsibilities	9	<ul style="list-style-type: none"> The Strategy needs to outline the structure of the Waste Authority The Strategy needs to outline the: identity, hierarchy and responsibilities of the stakeholders identified in the Strategy 		 Roles and Responsibilities
Priorities	3	<ul style="list-style-type: none"> The Strategy needs to increase the emphasis placed on priorities Priorities need to be linked to other areas in the Strategy 		 Priorities
Definition of Waste	11	<ul style="list-style-type: none"> The Strategy needs to make the definitions consistent with other documents (e.g. The National Strategy) ;and expand on some of the definitions (e.g. for “waste”, include all waste streams such as litter, mining, controlled and radiological waste) 	Alliance for a Clean Env, Department of Health, Mandarie Regional Council	 Definition of Waste
Provide Information	5	<ul style="list-style-type: none"> The Strategy should: (1) outline the Waste Authority’s programs (e.g. Waste Wise Schools); (2) outline the benefits of waste reduction, resource recovery and diversion of waste from landfill; and (3) outline how the Strategy will be implemented 	WALGA	 Provide Information
Community Engagement	3	<ul style="list-style-type: none"> The Strategy should tie in with areas of community interest (such as climate change) to get more community involvement; and clearly state why the proposals are worth the investment. 		 Community Engagement

Recommendation	Rationale	Authority’s Response
Explain why certain types of wastes aren’t included in the Strategy	This will allow readers to understand why a particular type of waste is not included (e.g. it may be outside the Waste Authority’s mandate).	Agree
Provide more information about previous strategies and how this Strategy aims to be different. Also include information about “lessons learnt” from previous strategies.	Some stakeholders seem to view this Strategy as just another strategy. Perhaps if the differences between this Strategy and others were outlined then people would be more receptive to the proposals.	Agree
Clearly identify the responsibilities of all stakeholders and how they will associate with one another (e.g. who reports to who etc)	This will enable stakeholders to understand their roles and identify problems that may occur more easily (e.g. funding or jurisdictional issues).	Agree










Analysis for Section 2: Waste in WA

Theme	# of Responses Relating to Theme (48 Responses)	Main Themes	Key Stakeholders to Include Theme	Actual Submission Data
Collaboration & Endorsement	5	<ul style="list-style-type: none"> Agreement by stakeholders should be incorporated into the Strategy. This includes: State and Federal Government; Regional Councils; Local Government; Industry; and the Community. 	Mindarie Regional Council, WALGA, EMRC	 Collaboration & Endorsement
Comparative Data	5	<ul style="list-style-type: none"> Projections for WA should be included Comparisons between other countries and states should be included Include other types of waste in the data (e.g. litter and components of the waste streams in landfills) 	EMRC	 Comparative Data
Greater focus on C&D Waste	1	<ul style="list-style-type: none"> Because C&D waste is such a large component of total waste, it should have a greater focus in the Strategy. 		 Greater focus on C&D Waste
Incorrect/Unreliable Data	3	<ul style="list-style-type: none"> Given the way data has been collected in the past, the charts and tables presented are thought to be misleading or inaccurate. An accurate baseline should be developed 		 Incorrect Unreliable Data
More information on responsibilities	23	<ul style="list-style-type: none"> Improve the clarity over who's responsible for what Include other stakeholders (e.g. Dept. State Development, Water Corp, Forestry, Dept. of Health, LandCorp and Dept. Planning) Identify the relationship between stakeholders (e.g. who reports to who etc) Make provisions for transparency 	EMRC, City of Geraldton-Greenough, WALGA	 More information on Responsibilities
Resource Recovery Market/Facilities	6	<ul style="list-style-type: none"> Greater consideration needs to be given to the difference in availability of recycling facilities in metro and non-metro areas. Greater consideration should be given to the market for recovered materials 		 Resource Recovery Market Facilities
Services for Non-metro, Aboriginal and Remote Communities	5	<ul style="list-style-type: none"> Establishment of landfill and resource recovery facilities in rural and non-metropolitan areas needs to be addressed. The strategy should include greater consideration for Aboriginal Communities and recognise their differences (e.g. these communities do not typically pay rates, are exempted from by-laws and are often located at significant distances from regional centres that discourage local government participation) There should be a provision for training in non-metropolitan areas. 		 Services for Non-metro, Aboriginal and Remote Communities

Analysis for Section 2: Waste in WA

Recommendation	Rationale	Authority's Response
Provide more data showing how WA compares to other regions; and projections for the future.	This will give people a greater understanding of the areas in which WA is lagging and, therefore, can improve upon.	Agree
Invest in collecting data to provide a more reliable 'current state' picture of waste in WA.	This baseline will give stakeholders a clear understanding of where we are with regards to waste. It will also enable the success of the Strategy to be measured with more reliability.	Will be addressed in Section 7 (Data)
Provide a greater focus on C&D waste.	Because it represents such a large proportion of waste in WA, it should have a greater focus in the Strategy. The low recovery rate of C&D waste also represents a huge opportunity for improvement.	Will be addressed in Section 5 (Resource Recovery)
Outline the responsibilities of stakeholders and how they will interact with one another.	This will enable stakeholders to identify problems with the Strategy. For example, if a strategy is the responsibility of local government, then local governments are going to pay a lot more attention to it and, hence, provide feedback on the problems associated with it and how it can be improved.	Will be addressed in Section 5 (Resource Recovery) or Section 6 (Disposal)
Address the issue of infrastructure location.	There is more infrastructure available in the metropolitan region for things such as recycling. However, in places like the Kimberly, this infrastructure is a less available. Therefore, will infrastructure be provided to allow these communities to meet targets or will they have a lesser onus?	Included in Section 1 (Introduction)
Address Aboriginal Communities another other atypical communities.	The Strategy seems to be broken into two sections; metro and non-metro. However, non-metro regions vary quite widely. For example, in Broome the population fluctuates substantially throughout the year. The Strategy needs to address these issues in a lot more detail.	Noted and considered as part of the Strategy
A statement about every resident/community having a right to have minimum standards set for waste should be outlined in the Strategy.	This would enable stakeholders and community members to have a better understanding of the minimum standards they should provide or receive regarding waste and associated services.	Agree

Analysis for Section 3: Values, aim, principle and objectives








Theme	# of Responses Relating to Theme (85 Responses)	Main Themes	Key Stakeholders to Include Theme	Actual Submission Data
Agreement	1	<ul style="list-style-type: none"> Support for the inclusion of community empowerment 	EMRC	 Agreement
Aim Change/Clarification	10	<ul style="list-style-type: none"> Clarify what 'significant improvement' means Make the aim quantifiable/measurable. 	WALGA	 Aim Change Clarification
Clarification	12	<ul style="list-style-type: none"> More definition of terms and clarification on accountabilities is required. Actions need to be identified (e.g. Actions to achieve objectives) Each value should be linked to actions in the Strategy. 	EMRC, Alliance for a Clean Environment	 Clarification
Cooperation	4	<ul style="list-style-type: none"> International, Industry and Government co-operation should be addressed in the Strategy (e.g. outline how they will work together). 		 Cooperation
Economics and Effectiveness (Value for Money)	7	<ul style="list-style-type: none"> Cater to the fact that most efficient, best value for money and most effective will not always be the same (i.e. how are these factors balanced). Define "best practice" 	Mindarie Regional Council	 Economics and Effectiveness (Value for M)
Linkage	6	<ul style="list-style-type: none"> Link values, aim, principles and objective to the Environment Links values with Stakeholders Improve the definition of sustainable to resolve conflicts between social, environmental and financial considerations 	EMRC	 Linkage
Measurable/More Focused	6	<ul style="list-style-type: none"> Where possible, all values, aims, principles and objectives should be measurable. The aim of the Strategy is too general and needs to be more definitive. 	EMRC, Waste Management Association of Australia	 Measurable More Focused
New Items	36	<ul style="list-style-type: none"> Education should have a greater focus Legislative support should be addressed 	EMRC, WALGA	 New Items
Objective Change/Clarification	3	<ul style="list-style-type: none"> Use the word partnership rather than cooperation The valuation of environmental and social benefits requires clarification Best practice needs to be defined and some guidance given as to its application. It is also not clear where this strategic objective is reflected in the Strategy 	WALGA	 Objective Change Clarification

Analysis for Section 3: Values, aim, principle and objectives

Recommendation	Rationale	Authority's Response
Clarify what key terms are so that they are quantifiable.	Since some of the terminology is quite subjective, it's hard to provide target dates if the target is not clear.	Agree. Some terms clarified but accept that this clarification is evolving.
Outline how various stakeholders will interact with one another	This will give stakeholders a better understanding of how they fit into the Strategy and what their responsibilities will be.	Authority role is clarified.
Elaborate how the Strategy will balance economics and effectiveness	The Strategy needs to provide greater clarity on how various factors will be weighted when choosing a strategy or solution. It is hard to provide feedback until this is done.	Noted. This is an ongoing struggle.
Link strategies to: •stakeholders; and •the aims, principles and objectives of the Strategy	This will make Stakeholders understand their responsibilities more clearly and ensure that the themes of the Strategy are reflected in the outcome(s).	Done, especially relating to role of Authority.
Where possible make all outcomes, strategies etc quantifiable.	This will enable stakeholders to have a clear understanding of what needs to be done. As it stands, the outcomes tend to be non-specific (e.g. asking for improvement in an area but not indicating what type of improvement or by how much).	Noted. See above.
Provide a greater focus on Education	Education is a key activity needed in order to change behaviour. Since the Strategy requires a change in behaviour, it's logical to make education a major focus within it.	Agree. Actually is education in its broadest sense.

Note: “Education” (above) includes community awareness, knowledge, communication, information etc. It is not just about schools.

Analysis for Section 4: Waste Avoidance











Theme	# of Responses Relating to Theme (117 Responses)	Main Themes	Stakeholders who Included Theme	Actual Submission Data
Community Engagement	9	<ul style="list-style-type: none"> General support for community engagement. Some calls for it to be expanded to play a more important role. 	WALGA	
Education	8	<ul style="list-style-type: none"> Strong support for public education programs 		
Enforcement	7	<ul style="list-style-type: none"> Enforcement needs to be addressed in the Strategy. Support for legislative enforcement 	EMRC	
Government Leading By Example	11	<ul style="list-style-type: none"> Support for Government Leading by example, however, some think this is unlikely to succeed as previous efforts have been fruitless. 	WALGA	
New Items for Consideration	30	<ul style="list-style-type: none"> Some wording changes are recommended (e.g. replace “encourage” with “will fund” and “waste avoidance” with “waste reduction”) How strategies will be funded needs to be addressed. Accurate current data is needed before determining a waste avoidance target. Regional planning is not supported (re: product design, consumption rates and specific targeted waste reduction strategies) as local governments have limited ability and resources to affect these factors. 	WALGA	 New Items for Consideration
Product Stewardship	18	<ul style="list-style-type: none"> Strong support for product stewardship. The Strategy needs to address imported product 	WALGA	
Waste Avoidance Target	34	<ul style="list-style-type: none"> The figure should be a percentage, not, in tonnes. The targets should be broken down based on material types. 	WMAA, Conservation Council, EMRC, Mindarie RC, City of Geraldton, WALGA,	 Waste Avoidance Target

Analysis for Section 4: Waste Avoidance





Recommendation	Rationale	Authority's Response
Provide a greater focus on Education	Education is a key activity needed in order to change behaviour. Since the Strategy requires a change in behaviour, it's logical to make education a major focus within it.	Agree
Address enforcement in the Strategy	Enforcement of the desired outcomes of the Strategy is key to its success. Therefore, it should have a greater focus in the Strategy. Perhaps every strategy should have an enforcement component (plus funding, steps and responsibility).	These recommendations will be addressed in other sections of the Strategy (predominantly Section 5 – Resource Recovery)
Address how strategies will be funded	Having desirable outcomes is one thing, however, funding them is a key to them occurring. Until this is addressed, the Strategy will have little merit.	
Change targets to a consistent measurement	Interchanging between percentages and tonnes can lead to confusion and makes the Strategy seem inconsistent.	
Invest in getting a better picture of the current state	The data used in the Strategy appears to be objectionable to numerous stakeholders. A consistent strategy to getting an accurate picture of the current situation will enable an accurate baseline to be developed and subsequently used in setting targets and determining the success of the strategy.	
Address imported product	Since WA is a major importer of products, it is essential that strategies around them (especially packaging) be incorporated into the Strategy. It would seem unfair to impose restrictions on the local producers when importers do not have the same onus.	
Expand the Waste Avoidance target	Make the target specific to waste types. If there is one general target then stakeholders may only choose to focus their effort on the easy to tackle wastes.	

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Analysis for Section 5: Resource Recovery

Theme	# of Responses Relating to Theme (530 Responses)	Main Themes	Stakeholders who Included Theme	Actual Submission Data
Container Deposit	21	<ul style="list-style-type: none"> Strong support for the introduction of a Container Deposit Scheme 	Conservation Council, WALGA	 Container Deposit
Definition	23	<ul style="list-style-type: none"> Various terms need a definition (or a modified definition). This includes Regional Centers, Recovery and Problematic Wastes. 	WALGA, EMRC, City of Geraldton, WMAA	 Definition
Education	42	<ul style="list-style-type: none"> Education needs a much stronger focus in this section. 	WALGA, WMAA, City of Geraldton	 Education
Enforcement	8	<ul style="list-style-type: none"> The enforcement of the strategies needs to be discussed. 	EMRC, Mindarie RC	 Enforcement
Funding	20	<ul style="list-style-type: none"> Funding of the strategies needs to be included. An elaboration on how the levy will be used to fund the strategies needs to be included. 	EMRC, Shire of Busselton, Mindarie RC	 Funding
Incentives	21	<ul style="list-style-type: none"> The Strategy needs to include incentives for various Stakeholders; particularly the Construction and Demolition industry. 	WALGA, EMRC	 Incentives
Infrastructure	24	<ul style="list-style-type: none"> More information on the development (and location) of infrastructure is needed. Information on the establishment of landfill sites is needed. 	Alliance for a Clean Env, EMRC, FORC, WALGA	 Infrastructure
Levy	70	<ul style="list-style-type: none"> Criticism of how the levy is not fully used to fund waste related activities. The landfill levy should be raised over time. 	Mindarie RC, WMAA, Conservation Council, EMRC, FORC, WALGA, City of Geraldton	 Levy
Market Development	25	<ul style="list-style-type: none"> Market development, particularly for C&D waste (i.e. Road base), should be addressed in more detail. 	FORC, EMRC, WALGA	 Market Development
New Item for Consideration	51	<ul style="list-style-type: none"> Numerous areas not covered in this section have been requested for inclusion. For example, energy recovery, storage of recyclables during market downturns and banning green waste from landfill. 	Alliance for a Clean Env, EMRC, Mindarie RC, WALGA	 New Item for Consideration

Analysis for Section 5: Resource Recovery













Theme	# of Responses Relating to Theme (530 Responses)	Main Themes	Stakeholders who Included Theme	Actual Submission Data
Packaging	12	<ul style="list-style-type: none"> Support for biodegradable packaging. Support for compulsory labeling on packaging about the packaging contents. Introduce tax implication for packaging to encourage more responsible packaging. 	EMRC, WALGA	 Packaging
Product Stewardship	41	<ul style="list-style-type: none"> Strong support for product stewardship. 	Conservation Council, EMRC, WALGA, Mindarie RC,	 Product Stewardship
Recycling	87	<ul style="list-style-type: none"> Support for the development of recycling facilities in non-metropolitan areas. Support for the promotion of recycling at major events. Introduction of legislation to increase the incentive to recycle (especially in the C&D area). 	EMRC, WALGA, Mindarie RC, City of Geraldton,	 Recycling
Targets	85	<ul style="list-style-type: none"> Targets should be expressed in percentages where possible (e.g. a 75% reduction). Strategies require more information such as how they will be achieved before placing target dates. The current situation needs to be explained more before agreeing to targets 	City of Geraldton, WMAA, FORC, Mindarie, WALGA, EMRC, Conservation Council, Alliance for a Clean Environment	 Targets

Analysis for Section 5: Resource Recovery

Recommendation	Rationale	Authority's Response
Provide more detail	Every term that can be seen as subjective should be clearly defined in the Glossary. As it stands, the Strategy is too open to interpretation, therefore, the feedback provided is not necessarily based on the same assumptions.	Agree
Provide a greater focus on Education	Education is a key activity needed in order to change behaviour. Since the Strategy requires a change in behaviour, it's logical to make education a major focus within it.	Agree
Address enforcement in the Strategy	Enforcement of the desired outcomes of the Strategy is key to its success, therefore, it should have a greater focus in the Strategy. Perhaps every strategy should have an enforcement component (plus funding, steps and responsibility).	A hard edge has been added where appropriate.
Address how strategies will be funded	Having desirable outcomes is one thing, however, funding them is a key to them occurring. Until this is addressed, the Strategy will have little merit.	This will be addressed in the Business Plan
Provide more information on the establishment and location of resource recovery infrastructure.	Having targets with regards to resource recovery in non-metro areas means very little if there is no infrastructure available to meet these targets (e.g. a recycling centre).	Noted.
Address packaging in more detail	Packaging is seen as an easy to tackle area by Stakeholders, therefore, some strategies around packaging should be included in the Strategy. For example, labeling of packaging components (similar to how food contents are currently labeled).	Packaging is not easy, but is a major ongoing focus of Waste Covenant.
Provide more information around targets	Putting in a date for targets will require more information such as: who's paying, the steps that will be involved and who's responsible.	This will be addressed in the Business Plan

Note: “Education” (above) includes community awareness, knowledge, communication, information etc. It is not just about schools.

Analysis for Section 6: Disposal






Theme	# of Responses Relating to Theme (207 Responses)	Main Themes	Stakeholders who Included Theme	Actual Submission Data
Consistency	7	<ul style="list-style-type: none"> The standards in the Strategy should be consistent across the board. Some expressed the view that non-metro landfills should have the same requirements as metro landfills. 	EMRC	 Consistency
Definition	30	<ul style="list-style-type: none"> “Appropriate standards” needs to be defined “Regional areas” needs to be defined with more clarity and take into account other factors (e.g. population fluctuations in Broome) 	WMAA, Conservation Council, Alliance for a Clean Env., WALGA	 Definition
Education	20	<ul style="list-style-type: none"> Education needs to have a much greater focus in the Strategy. 	WALGA, WMAA, EMRC, Mindarie RC	 Education
Funding	13	<ul style="list-style-type: none"> How activities will be funded needs to be addressed. 	Shire of Busselton, Shire of Geraldton	 Funding
Hazardous Waste	14	<ul style="list-style-type: none"> General agreement with the Hazardous waste strategy. Some calls to have this expanded to industry. 	EMRC, Alliance for a Clean Environment, Mindarie RC, WALGA	 Hazardous Waste
Infrastructure	18	<ul style="list-style-type: none"> Need to address how new landfills sites will be created (and the criteria that will be used) 	Alliance for a Clean Env., Shire of Busselton	 Infrastructure
Legislation / Enforcement	5	<ul style="list-style-type: none"> Guidelines should be replaced by legislation to strengthen the outcomes. How strategies will be enforced needs to be included in the Strategy 	EMRC	 Legislation Enforcement
Litter/Illegal Dumping	30	<ul style="list-style-type: none"> The issues of increasing the levy and the effect on illegal dumping needs to be addressed in the Strategy. 	EMRC, WALGA, WMAA, City of Geraldton-Greenough	 Litter Illegal Dumping
Metro vs. Rural	23	<ul style="list-style-type: none"> The differences in Metro and Non-Metro WA needs more consideration. Non-metro could be further broken down (e.g. South-West, Kimberley etc) 	EMRC, WALGA, WMAA, Mindarie RC	 Metro vs Rural
New Items for Consideration	28	<ul style="list-style-type: none"> Waste to Energy should be considered in the Strategy The consultation process should be expanded to include greater community participation. 	Conservation Council, Mindarie RC, EMRC, Alliance for a Clean Env.	 New Items for Consideration
Rules and Roles	5	<ul style="list-style-type: none"> Who must do what needs to be clearly defined in this section. 	WALGA	 Rules and Roles
Timeframes	14	<ul style="list-style-type: none"> The Strategy should describe the actions that will be undertaken for a particular task before asking what Target Dates are appropriate. 	EMRC, WALGA, Mindarie RC, City of Geraldton-Greenough	 Timeframes

Analysis for Section 6: Disposal

Recommendation	Rationale	Authority's Response
Improve definitions	Every term that can be seen as subjective should be clearly defined in the Glossary. As it stands, the Strategy is too open to interpretation, therefore, the feedback provided is not necessarily based on the same assumptions.	Agree
Provide a greater focus on Education	Education is a key activity needed in order to change behaviour. Since the Strategy requires a change in behaviour, it's logical to make education a major focus within it.	Agree
Address how strategies will be funded	Having desirable outcomes is one thing, however, funding them is a key to them occurring. Until this is addressed, the Strategy will have little merit.	This will be addressed in the Business Plan.
Address how the increase in the levy will affect illegal dumping	It is argued that as the cost of disposal increases, it will be matched by a corresponding increase in illegal dumping. This is a concern of some stakeholders and, therefore, should be addressed.	Noted.
Provide more clarity around non-metro areas.	WA is a large and diverse state with a multitude of community types. As the Strategy stands, it appears to not take into account some of the less common community types and this appears to be a concern of some of the regional Councils such as the Shire of Broome.	There is more clarity in this draft.
Address responsibilities	Some stakeholders have viewed the Strategy as shifting a greater onus onto local government. However, the Strategy does not make this clear. In order to improve clarity and understanding, responsibilities for outcomes needs to be addressed in this section.	The responsibilities of the Authority are clarified.
Address waste to energy	This is a common theme that has been raised by Stakeholders. It should be addressed in this section. If the Waste Authority does not wish to have this then it should be stated and the reason(s) for doing so.	Agree.




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Analysis for Section 7: Data

Theme	# of Responses Relating to Theme (72 Responses)	Main Themes	Stakeholders who Included Theme	Actual Submission Data
Data Structure	25	<ul style="list-style-type: none"> All the data needs to be collected in a manner that is quantifiable. No subjective measurements should be allowed. Data should be broken down based on the type of waste as opposed to the high level categories that are used. 	<ul style="list-style-type: none"> Alliance for a Clean Environment WMAA WALGA 	 Data Structure
Infrastructure for Data Gathering	9	<ul style="list-style-type: none"> Weigh bridges and other data gathering devices should be installed in landfill and recycling locations (particularly in regional landfills) 	<ul style="list-style-type: none"> Conservation Council WALGA 	 Infrastructure
Links to Targets	9	<ul style="list-style-type: none"> Current data needs to be linked to targets as opposed to just mentioning a target figure without any reference to the current situation. The Waste Authority should invest in developing more detailed baseline data to: measure the effectiveness of the Strategy; and give a more accurate current state. 	<ul style="list-style-type: none"> WALGA 	 Links to Targets
National Consistency in Definition	5	<ul style="list-style-type: none"> National indices should be used (e.g. the National Litter Index) to monitor waste levels. Once a uniform definition is used, it should be identified and enforced in the Strategy. 	<ul style="list-style-type: none"> (Keep Australia Beautiful) 	 Consistency in Definition
Standardisation	18	<ul style="list-style-type: none"> Standardised data collection systems should be developed (e.g. weighbridges with measurements in tonnes) Funding needs to be allocated to data collection and identified in the Strategy. A standard template (or series of templates) should be developed for gathering and reporting data. This will ensure consistency between reporting entities. 	<ul style="list-style-type: none"> WALGA 	 Standardisation







Recommendation	Rationale	Authority's Response
Make reference to any national standards on data collection and how (or if) they will be used in the Strategy.	This will give stakeholders a better understanding of their data reporting requirements (e.g. what type of information they will have to collect and how they will need to report it).	Agree
Outline the elements of data collection that will be outlined in the Business Plan (e.g. the provision of weighbridges to non-metropolitan landfills)	This will enable Stakeholders to understand how data will be collected and where the burden of collecting this data may lie.	Agree

Analysis for Section 8: Monitoring, Reporting and Review

Theme	# of Responses Relating to Theme (5 Responses)	Main Themes	Stakeholders who Included Theme	Actual Submission Data
More measurable performance indicators needed	2	<ul style="list-style-type: none"> The Strategy needs to have more measurable targets. Terms of reference outlining the criteria and methodology for reviewing the Strategy needs to be established. 	WALGA	 More measurable performance indicators n
New Items for Consideration	1	<ul style="list-style-type: none"> The Strategy should address: waste considered outside the scope of this Strategy, targets for the Non-metropolitan regional centres, and future State and Commonwealth Government negotiations 	WALGA	 New Items for Consideration
Not enough resources (people and money)	2	<ul style="list-style-type: none"> A greater proportion of the landfill levy will be required to perform activities There are insufficient staff with responsibility for collecting and managing data or for taking responsibility for the numbers that are published 		 Not enough resources (people and mo














Recommendation	Rationale	Authority's Response
Make outcomes measurable	If an outcome is subjective then Stakeholders who don't wish to perform an activity will tend to interpret an outcome in a way that places the lesser onus on them.	Some have been made more specific.
Address why certain wastes have not been included in the Strategy	Numerous stakeholders have provided feedback indicating that this Strategy should include other types of waste. If the Waste Authority has chosen not to include a particular type of waste it should indicate why. Alternatively, the Strategy should indicate why other types of wastes have been included.	The strategy addresses most of the wastes that are in the realm of most of the people.
Funding for Monitoring and Reporting needs to be addressed	How Monitoring and Reporting will be funded needs to be included in the Strategy. Without appropriate funding an accurate understanding of the outcomes cannot be achieved with confidence.	Covered.

Analysis for Section 9: Business Plan

Theme	# of Responses Relating to Theme (21 Responses)	Main Themes	Stakeholders who Included Theme	Actual Submission Data
Endorsement	2	<ul style="list-style-type: none"> Government endorsement is essential to the success of the Strategy and should be included. 		 Endorsement
Funding	6	<ul style="list-style-type: none"> How the initiatives in the Strategy are funded needs to be addressed 		 Funding
How targets will be achieved	5	<ul style="list-style-type: none"> The Business Plan needs to address how targets will be achieved (e.g. via incentives, using a coordinated approach, setting up a waste exchange database like Victoria etc) 		 How targets will be achieved
Responsibilities & Interaction	5	<ul style="list-style-type: none"> The Strategy and Business Plan needs to clearly specify responsibilities of Stakeholders and how they will interact with one another. 	WALGA	 Responsibilities & Interaction
Stakeholder Engagement/Involvement	2	<ul style="list-style-type: none"> Whole of government and community involvement should have a strong focus in the Business Plan 		 Stakeholder Engagement/Involvement
Training	1	<ul style="list-style-type: none"> The Strategy and Business Plan should address the provision of training. 	WALGA	 Training

Recommendation	Rationale	Authority's Response
Include government endorsement in the Strategy	Numerous stakeholders have identified government endorsement as a key to the Strategy's success. If possible it should be included as a desired outcome.	Agree
Address responsibilities in the Business Plan	A weakness of the Strategy is the clarity around the roles and responsibilities of stakeholders. The Business Plan must address this issue.	Agree. The Business Plan section will be moved to the front of the Strategy and list the areas that it will cover.

Analysis for General Comments

Theme	# of Responses Relating to Theme (366 Responses)	Main Themes	Stakeholders who Included Theme	Actual Submission Data
Consistency	23	<ul style="list-style-type: none"> Ensure that the approach is consistent amongst stakeholders 	WALGA	 Consistency
Definition	23	<ul style="list-style-type: none"> Define more terms and expand some definitions in the Strategy such as: waste, recycling, significant etc. 	WALGA, City of Geraldton-Greenough	 Definition
Education	49	<ul style="list-style-type: none"> Education needs a greater focus in the Strategy. Education is a key success factor for the Strategy (and should be reflected in the Strategy) 	EMRC, WALGA, City of Geraldton-Greenough	 Education
Energy	6	<ul style="list-style-type: none"> Energy from waste should be considered in the Strategy. 	WMAA, Conservation Council	 Energy
Enforcement	19	<ul style="list-style-type: none"> How the Strategy will be enforced should be addressed in the Strategy (e.g. fines, incentives, legislation etc) 	WALGA	 Enforcement
Environmental (Greenhouse, Climate Change)	11	<ul style="list-style-type: none"> Environmental factors should be addressed in the strategy. For example, indicate how a particular activity benefits the environment. 	Alliance for a Clean Environment, WMAA, Conservation Council	 Environmental (Greenhouse, Climate Chang
Essential Service	14	<ul style="list-style-type: none"> The majority of respondents think waste should be an essential service just like power and water. 	Alliance for a Clean Environment, WMAA, FORC, Mindarie RC, WALGA	 Essential Service
Funding/Incentives	40	<ul style="list-style-type: none"> How activities outlined in the Strategy will be funded must be addressed. 	WALGA, Mindarie RC, City of Geraldton-Greenough	 Funding Incentives
New Items for Consideration	95	<ul style="list-style-type: none"> Numerous themes presented including: a consideration for WA jobs be included; having longer timeframes (e.g. in 50 + years); and surveying the community on their attitudes towards waste. 	WMAA, Alliance for a Clean Env., FORC, Mindarie RC, WALGA	 New Items for Consideration
Recycling	19	<ul style="list-style-type: none"> Recycling infrastructure and markets for recycled material (e.g. road base) should have a greater focus in the Strategy. 	Conservation Council	 Recycling
Regional Issues	10	<ul style="list-style-type: none"> Factors affecting regional /non-metro areas should have a greater focus in the Strategy (e.g. transport costs, aboriginal communities etc) 	City of Geraldton-Greenough	 Regional Issues
Responsibilities & Accountabilities	20	<ul style="list-style-type: none"> The Strategy should make who's responsible for what a lot clearer. 	EMRC, FORC, WALGA	 Responsibilities & Accountabilities
Targets	37	<ul style="list-style-type: none"> Targets should have more information accompanying them (such as how they will be achieved and finance). 	Conservation Council, Alliance for a Clean Env., WALGA	 Targets

