

### Updated comments as at 20 March 2020

Comments for Local Waste Plans (for follow up of plan details with John and Denis, other internal departments (operational and planning), and other waste stakeholders such as elected members, contractors and community associations etc.)

#### Table 1: Linkage to plans

No requirement for completion – web site links required for Strategic Community Plan 2017-2032 and Corporate Business Plan?

#### Update 20 March 2020:

No requirement for completion of this table

#### Table 2: overall waste generation figures

No requirement for completion. However, 2014/15 used as baseline – indicates 406Kg; 2015/16 indicates 471Kg with increase to 2017/18 480Kg. The target of 386Kg represents a target reduction of **around 20% not 5%** as required in the targets for the State waste strategy.

Are the population figures for 2014/15 too high compared to 2015/16? – refer query to Waste Plans team by email 5/2/2020. Are domestic waste figures for 2014/15 correct (too low?)

The question which also arises – does the LG have any real control over large movements in this waste figure (note also that the example of introducing FOGO (as per workshop) is noted as a **waste avoidance strategy**- while the Melville trial indicated that there was a 10% reduction in overall waste (page 23 of the FOGO trial report), this may be related to short term effects (being more aware of e.g. food waste) and needs to be confirmed on a longer term basis.

Noted concerns on additional comments section.

#### Update 20 March 2020:

Comments have been noted in table 2 to confirm that the base population figures need to be changed to a more accurate figure. In addition, awaiting on source documentation (invoicing) from suppliers on hard and green bulk waste to amend the figures currently in the base year. Have also provided a separate spreadsheet to support the changes made to table 2 (and table 10 and table 3 by reference).

#### Table 3: overall waste recovery figures

Note made on overall rate recovery (change from 32% to 56%) based on error in 2017/18 waste census detail (see table 10 comments on mixed waste).

#### Update 20 March 2020:

Table 3 figures amended for table 10 changes, spreadsheet supports changes

#### Table 4: Better practice guidelines

Noted that kerbside waste services and behaviour change yet to be adopted.

#### Update 20 March 2020:

Noted also that alternative hard waste recovery arrangements made after low recovery rate.

#### **Tables 5 – 9: litter and illegal dumping figures and notes**

I note that these are optional tables to be completed for extra data where this is available – although there is some expectation that details be completed at some stage. Is an internal working party required here to establish these details/ ongoing reporting of details (method for collection, responsibility etc.)? Do we have any of these details already, if only based on observations? Denis/Richard?

#### **Update 20 March 2020:**

No changes made, assumed that waste plan reflects previous waste census details.

#### **Table 10: detailed recovery figures**

I note the amended figure for mixed kerbside waste (referred to in table 3 summary) for the error in the 2017/18 waste census – amended figure of 56% recovery. The email (23/1/2020) notes from the DWER waste team also indicated that they require the original census figures to be adjusted to account for the differences.

The hard waste recovery is shown as 13% (134t/1076t), although this appears inconsistent with the SWMP for 2016/17 figures (46% or 489t/1081t – page 16 of SWMP). If the 2017/18 figures are correct (where from?) then they are below the reported recovery rate of 21% for the metropolitan area (2017/18 waste census report, page 19, table 7.4). There appears to be some opportunity to increase this recovery rate (community organisations, specific drop off material timing – e.g. SWMP action plan item 1.5). A revisiting of the number of the yearly verge bulk waste (2) and green waste (4) is also worthwhile. See update note above on table 4.

#### **Update 20 March 2020:**

No changes made, separate spreadsheet to support changes made – this should satisfy DWER on their comment in waste email correspondence that any changes to original waste census figures be provided to account for the differences adjusted.

#### **Table 11: compositional audits**

General waste – general comment on level of recyclable waste in general bin (26%). Also note that inclusion of “earth” into organic component increases the percentage of organic content potentially available (previous calculation based on major components of food and garden waste). “Earth” (mainly dust, dirt, rock and inert – 10.87%) and other minor organics brings the potential from 46.9% (food and garden) to 62.6% of the total.

Recyclable waste – general comment on 17% non-recyclable (includes earth 9.61%) opportunity to reduce level of contaminants, as well as earth/organics to FOGO bin (while this does not change the cost of recyclable to the Town because of the contract structure (per lift, not weight), it would help to reduce overall weight and increase FOGO processing).

The fire at the Cleanaway MRF will have an impact on the level of recyclable recovery – as the MRF production is not likely to recommence for an extended period of time.

#### **Update 20 March 2020:**

No changes made.

### **Tables 12 – 13: waste infrastructure facilities**

Not applicable, as no current or intended future waste infrastructure facilities are planned. However, note comments on implementation plan table 21.

#### **Update 20 March 2020:**

No changes made.

### **Table 14: contracts**

Noted main contracts, including MRC. Also noted MRF damage

#### **Update 20 March 2020:**

No changes made.

### **Table 15: Waste local laws and policies**

Noted SWMP and Health Local Law (possible adoption of WALGA Waste Local Law?)

#### **Update 20 March 2020:**

No changes made.

### **Table 16: land use planning instruments**

Requires Planning input – the local planning strategy and local planning scheme do not appear to be relevant, as there are no current or future waste infrastructure facilities; the local planning policies may be more relevant.

#### **Update 20 March 2020:**

Confirmed with Denis that no local planning policy for waste exists..

### **Table 17: sustainable procurement**

Sustainable procurement/single use plastic. Now included council adoption resolution details.

#### **Update 20 March 2020:**

No changes made.

### **Tables 18 – 19: behaviour change programs and data**

Do not have knowledge here. Comments required.

#### **Update 20 March 2020:**

Table 18 – added comment re Cleanaway and MRC. Table needs further comment on evaluation.

Table 19 – added comments for data, require comments re waste planning and monitoring

### **Table 20: summary performance**

Note that this is an optional table. A general reference may be made about the achievements, opportunities and areas for improvements having been noted in the SWMP (cross reference below). At this stage, not completed.

#### **Update 20 March 2020:**

Completed table with details of planning (priorities) as per table 21.

### Table 21: implementation plan

The main table within the overall plan. As the SWMP has already been approved, this is an attempt to match up items already approved within the SWMP with this plan, or explain any differences, and why details are not required etc.

**Update 20 March 2020:**

No changes made.

Completed table for cross referencing waste plan actions to SWMP actions items. The table for referencing is included below:

<b>LG Waste management tool</b>	<b>Draft LG implementation plan/comment</b>	<b>Approved SWMP action item/comment</b>
<i>Waste Services</i>	Introduction of 3 bin FOGO	2.1 and 2.2
	Residual waste option(s)	Not specifically noted in SWMP
	Reduce verge bulk waste/ increase recovery	1.4 and 1.5
<i>Waste Infrastructure</i>	Range of waste diversion at South Perth recycling, reuse shop and small scale uses	2.4, 3.2 and 3.3
<i>Policies and procurement</i>	Implement single use plastic policy and adopt WALGA waste local laws	Not specifically noted in SWMP
<i>Data</i>	Improve data collection for illegal dumping and littering	2.5
<i>Behaviour change programs</i>	Increase participation in existing recycling systems	1.3, 2.3 and 3.4
<i>Other</i>	Assess CDS impact	3.1
	N/A – not required	1.1 Appoint custodian
	N/A - Drivers as per WARR 2030	1.2 Policy statement
	N/A – not required for implementation planning	1.6 Assess State Waste Strategy review
	N/A – not required for implementation planning	2.6 Assess changes to State waste strategy targets
	N/A – in context of implementation planning	4.1 Contingency planning
	Limited capacity in medium term due to contractual limitations	4.2 Collection contractors – increase range of recycling
	Limited capacity – noted in table 17	4.3 Encourage sustainable purchasing
	N/A – in context of implementation planning	4.4 LG liaison
	N/A – in context of implementation planning	5.1 and 5.2 carry over and new plans

	N/A – in context of implementation planning. Also intent for LG plan to replace SWMP.	General – in house reviews and progress carry overs etc.
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The timeframes for waste management plan actions also have some different timeframes to those established in the SWMP. Comparison included as follows:

- Introduction of FOGO – end date December 2024. SWMP items 2.1 and 2.2 (scheduled for 2019/20) only cover the review of MRC and a kerbside organics system, not the implementation
- Residual waste option – end date December 2024 (with FOGO) – not specifically covered in SWMP
- Reduce bulk waste – end date June 2022. SWMP items 1.4 and 1.5 - items were scheduled for 2018/19, but are behind schedule due to lack of resources
- Range of waste diversion – end date December 2021. This is consistent with the timeframe for SWMP items 2.4, 3.2 and 3.3 (scheduled for 2019/20 and 2020/21)
- Single use plastic policy and WALGA local laws – not specifically covered in SWMP
- Improve data collection – end date June 2022. The SWMP item 2.5 was scheduled for 2019/20, but is behind schedule due to lack of resources
- Increase participation in recycling systems – end date June 2023. SWMP items 1.3, 2.3 and 3.4 scheduled for completion by 2020-2021, but are behind schedule due to lack of resources. The MRF fire in November 2019 will also have some impact over the short-medium term
- CDS operations – end date December 2021. This is consistent with the timeframe for SWMP item 3.1
- Other SWMP items – not included in waste plan implementation items