



## 2018-19 WA RECYCLING ACTIVITY REVIEW (ORGANICS)

### Instructions and Definitions

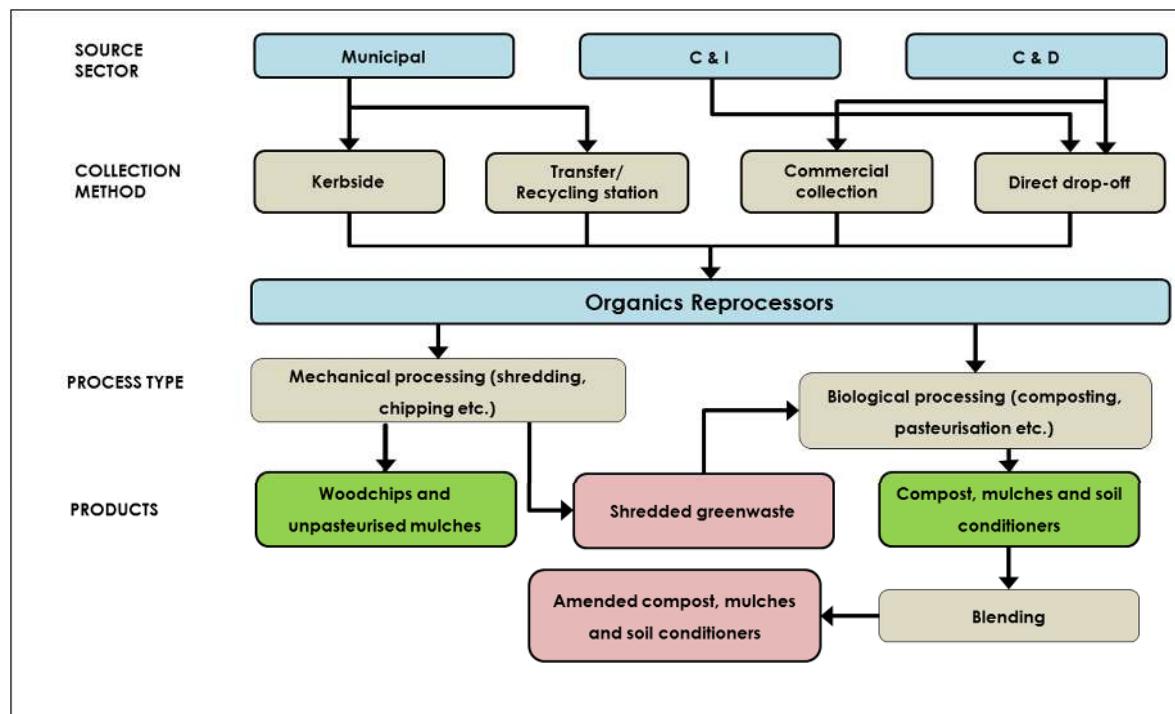
This document should be used to assist the completion of the Organics Reprocessor Survey for the 2018/19 Western Australian Recycling Activity Review.

### ORGANICS SUPPLY CHAIN

Within the organics industry supply chain there are a variety of interconnected process types and business models (as illustrated in the Figure below), these include:

- Mechanical processing of greenwaste into shredded/mulched greenwaste to be sold as feedstock to other organics recyclers for biological processing;
- Mechanical processing to produce woodchips and unpasteurised mulches for sale;
- Biological (and mechanical) processing to produce compost, mulches and soil conditioners; and
- Blending of pre-processed organic materials to create value added products.

The interconnected nature of the industry created some difficulties for the previous surveys as there were cases where a material was inadvertently counted at multiple points in the supply chain. Conversely, there were also cases where Organics Reprocessors did not report as they believed the material/s would be captured further down the supply chain. To try and resolve these issues for the 2018/19 survey, ASK has developed a supply chain map for reprocessed organics (see below).





For the purpose of the survey, ASK is only interested in organic materials that are used to produce the products highlighted in the green boxes (Woodchips and unpasteurised mulches; and Compost, mulches and soil conditioners); specifically:

- All materials that are used to create recycled organic products that are **not** sold to 'downstream' Organics Reprocessors **should be reported in the survey**;
- Materials that are processed to create feedstock to sell to 'downstream' Organics Reprocessors for additional processing should **not be reported in the survey**; these materials should instead be reported by the Organics Reprocessor that is purchasing the feedstock;
- Organisations that purchase and blend pre-processed organic materials (Compost, mulches and soil conditioners) to create new **products should not report these materials** as they will be already reported by the 'upstream' Organics Reprocessor.

## DEFINITIONS

Please consider the definitions listed below when completing the survey.

### **Reprocessed material:**

Material recovered that would otherwise have been disposed of to landfill and that has undergone some form of physical and/or biological reprocessing to create a saleable product or raw material.

### **Contamination reprocessing losses:**

The portion of material not reprocessed into a saleable product because of contaminants.

### **Other reprocessing losses:**

The portion of material not reprocessed into a saleable product processing issues not related to contamination.

### **Municipal Waste:**

Solid waste generated from domestic (household) premises. Includes small loads of waste dropped off at recycling centres and transfer stations by householders.

### **Commercial and Industrial (C & I) Waste:**

Comprises solid waste generated by the business sector as well as solid wastes created by state and federal government entities, schools and tertiary institutions. Unless otherwise noted, C&I waste does not include waste from the construction and demolition (C&D) sector.

### **Commercial and Demolition (C & D) Waste:**

Includes waste from residential, civil and commercial construction and demolition activities, such as fill material (e.g. soil), asphalt, bricks and timber. Unless otherwise noted, C&D waste does not include waste from the commercial and industrial waste stream.

### **Non-metropolitan area:**

Defined as outside the Perth metropolitan area and Peel region.

### **Metropolitan area:**

Perth Metropolitan area including the Peel region.



## MATERIAL TYPES

When completing the survey, reprocessed material types should be selected from the drop-down list where possible. If an appropriate material type is not available from the list, please select 'other' and specify the material type.

The material categories provided for 2018/19 are shown in the table below.

| 2018/19 Material Type Categories          | Material Type Categories prior to 2015/16                      |
|---|--|
| Agricultural waste (excluding manure)     | Animal bedding (agricultural residuals)                        |
|   | Animal mortalities (agricultural residuals)                    |
|   | Paunch (agricultural residuals)                                |
|   | Straw (agricultural residuals)                                 |
| Manures                                   | Manure (agricultural residuals)                                |
| Forestry waste                            | Barks (from forestry residuals)                                |
|   | Sawdust (from forestry residuals)                              |
| Wood/timber                               | Wood / timber / sawdust (from commercial / industrial sources) |
| Biosolids                                 | Biosolids or sewage grit/screenings                            |
| Grease trap waste, oils & organic sludges | Grease trap waste & organic sludges                            |
|   | Oils   |
| Organics from mixed municipal waste       | Biowaste (food + garden materials from combined collection)    |
|   | Total MSW – mixed solid waste (please specify organic content) |
| Food waste                                | Food organics (food waste)                                     |
| Garden waste                              | Garden waste   |
| Plasterboard                              | <b>Not previously included</b>                                 |
| Sand, soil, clean fill & rubble           | <b>Not previously included</b>                                 |
| Other (please specify)                    | Other (please specify)   |

If you have any queries about the survey including what materials to include, please contact Samuel Green at [warecyclingactivity@askwm.com](mailto:warecyclingactivity@askwm.com)