



## Application for Licence

### Division 3, Part V *Environmental Protection Act 1986*

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<b>Licence Number</b>	L9168/2018/1
<b>Applicant</b>	Cleanaway Pty Ltd
<b>ACN</b>	000 164 938
<b>File Number</b>	DER2018/001360
<b>Premises</b>	Manjimup Transfer Station 9 Gandy Street, MANJIMUP 6258  Legal description - Lot 792 on Deposited Plan 218376 Certificate of Title Volume 2070 Folio 468 As defined by the Premises map in Appendix 1
<b>Date of Report</b>	15 March 2019
<b>Status of Report</b>	Final

## 1. Definitions

In this Decision Report, the terms in the Table below have the meanings defined.

**Table 1: Definitions**

Term	Definition
ACN	Australian Company Number
Category/ Categories/ Cat.	Categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations
Decision Report	refers to this document.
Delegated Officer	an officer under section 20 of the EP Act.
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.
DWER	Department of Water and Environmental Regulation As of 1 July 2017, the Department of Environment Regulation (DER), the Office of the Environmental Protection Authority (OEPA) and the Department of Water (DoW) amalgamated to form the Department of Water and Environmental Regulation (DWER). DWER was established under section 35 of the <i>Public Sector Management Act 1994</i> and is responsible for the administration of the <i>Environmental Protection Act 1986</i> along with other legislation.
Emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
Licence Holder	means Cleanaway Pty Ltd
Noise Regulations	<i>Environmental Protection (Noise) Regulations 1997 (WA)</i>
Occupier	has the same meaning given to that term under the EP Act.
Prescribed Premises	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Decision Report applies, as specified at the front of this Decision Report
Risk Event	As described in <i>Guidance Statement: Risk Assessment</i>

## 2. Overview of premises

The Manjimup Transfer Station (Premises) is an existing materials recovery facility (MRF) located in an industry zoned area within the Shire of Manjimup.

Category 62, as defined in Table 2 below, relates to premises on which solid waste is stored, or sorted, pending final disposal or re-use. Historically this has been applied inconsistently with limited consideration of material recycling facilities (MRF's).

In assessing and determining new applications for works approvals and licences DWER considers MRF's where materials such as paper, cardboard, plastics, glass, aluminum and steel are sorted into different waste types or streams pending recycling, are activities which are consistent with the description of Category 62 Solid waste depot;

The Applicant has applied to licence its existing operations, which involves receiving recyclable materials from municipal collections for the Shires of Manjimup, Nannup, Bridgetown/Greenbushes, as well as commercial & industrial clients transported by Cleanaway and commercial customers. No public drop-off occurs at the premises. The recyclable material primarily consists of cardboard and waste paper, however mixed plastics, glass, aluminium and steel are also processed in smaller quantities.

### Classification of premises

Table 2: Prescribed premises category <b>Classification of Premises</b>	Description	<b>Approved Premises production or design capacity or throughput</b>
Category 62	Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use.	5,000 tonnes per annual period

### Description of operations

Operations at the Premises occur within the on-site transfer shed; steel fabricated approximately 18.5 x 15m. A concrete hardstand forms the base of this shed. Attached to shed to the south is covered loading ramp approximately 14 x 5.4m.

An office and workshop area is present on-site. The rest of the site consists of laydown areas for light-vehicle and truck parking as well as empty container storage.

Figure 1 below provides an overview of the Premises and depicts related infrastructure.

Recyclable materials from kerb-side wastes collections are brought to the Premises via a truck which tips directly into a hopper. Materials are then transferred along a conveyor belt at which stage all non-conforming waste types are removed from the stream by hand and immediately removed from the Premises. Materials then enter a compactor unit, with full compactor units transported via hook truck to Cleanaway's Picton Depot.

A maximum of 5,000 tonnes per annum are received at the Premises.

The site is always attended during operations which nominally occurs from 6am to 3pm Monday to Friday.

Fire-fighting equipment in place includes 2 fire extinguishers. In addition, the uses/adheres to a Site Emergency Management Plan which includes strategies to be adopted in the event of a fire.



**Figure 1: Aerial overview of the Premises and related infrastructure and laydown areas.**

### Emissions and discharges

The applicant has advised that only kerbside collected recyclable waste is received at the Premises. All waste reports directly to the Transfer shed, which contains a sealed hardstand, and is transferred by a hopper to a compactor unit for removal. There is no long term storage of materials at the Premises and no emission discharge points

Refer to Premises maps in Appendix 1

### Emissions

Ref	Source	Emission	Controls
N/A	Waste management shed	Fugitive odour	Restrictions on waste accepted onto site – only recyclable materials from kerb-side collections to be accepted.  Enclosed shed.  Waste stored in compactor unit.

N/A	Waste materials	Windblown waste	All waste handling within enclosed shed. Inspection/housekeeping processes for windblown waste.
N/a	Mechanical equipment used on-site: wheeled loader, forklift, compactor unit and conveyor	Noise	All equipment is operated inside the enclosed shed and between the hours of 8am-5pm.

### 3. Environmental siting

The Premises is located within an Industry zoned area under the Shire of Manjimup Local Planning Scheme 4. The site is predominately surrounded by commercial premises. DWER records indicate a number of prescribed premises also located in the area, including 2 within 1.5km of the site.

Refer to Premises maps in Appendix 1

#### Residential and sensitive receptors and distance from activity boundary

Residential and sensitive premises	Distance from Prescribed Premises
Residential premises	280m to the north, 860m to the south-east and 1200m to the west
Cemetery (public place)	105 m to the east
Commercial/industrial premises	Adjacent to north, east, west and south

#### Environmental receptors and distance from activity boundary

Environmental receptors	Distance from Prescribed Premises
Proclaimed surface water area under the <i>Rights in Water and Irrigation Act 1914</i> : - 'Warren River and Tributaries'	Premises mapped within this area
Public Drinking Water Source Area – proclaimed under the <a href="#">Country Areas Water Supply Act 1947</a> : Donnelly River Water Reserve – Priority not assigned	825m to the west north-west (public drinking water source area)
Public Drinking Water Source Area – proclaimed under the <a href="#">Country Areas Water Supply Act 1947</a> : Lefroy Brook Catchment Area – Priority not assigned	1,990m to the south-west (public drinking water source area)
Green Growth RSNAs DBCA Managed Miscellaneous Reserve	125m to the north-west: Lot 500 on Plan 52458, Crown Reserve R16437

Environmental receptors	Distance from Prescribed Premises
Minor unnamed watercourses	290 m to the north-east (Non Perennial) 300 m to the south, south-east (Non Perennial)
Underlying groundwater	Depth to groundwater unknown

#### 4. Legislative context and other approvals

##### Relevant approvals

Legislation	Number	Approval
<i>Planning and Development Act 2005</i>	N/A	<p>Evidence of planning consent was not provided with the Application.</p> <p>The Applicant has provided written confirmation from the Shire of Manjimup which outlines the Shire's support for the existing operations (pers. comm. Mark Sewell, Waste Management Officer – Shire of Manjimup, 25 September 2018 – DWER ref. A1724421).</p> <p>It is the responsibility of the Licence Holder to ensure that any action or activity referred to in the Licence is permitted by, and is carried out in compliance with, other statutory requirements.</p>

## 5. Risk assessment

### Risk assessment – operations

Risk Event					Consequence rating	Likelihood rating	Risk	Reasoning	Regulatory controls (refer to conditions of the granted instrument)
Source/Activities	Potential emissions	Potential receptors	Potential pathway & receptor (impact)	Applicant controls					
Waste acceptance, handling, storage and transfer	<b>Dust:</b> vehicle movements	<p>Cemetery (public place) 105m east of Premises</p> <p>Commercial/ industrial premises adjacent to Premises</p> <p>Residential premises 280m to the north of Premises</p>	Air: health and amenity impacts	Applicant has advised that the unsealed road surface does not generate dust from vehicle movements due to the nature of the soil	Slight	Rare	Low	<p>Vehicle movements do not take place on a sealed hardstand between the waste operations shed and the roadway however applicant has advised that due to the nature of the road base vehicle movements do not generate dust. Local scale dust generation may occur in low volumes.</p>	General Emissions: Condition 1

Risk Event					Consequence rating	Likelihood rating	Risk	Reasoning	Regulatory controls (refer to conditions of the granted instrument)
Source/Activities	Potential emissions	Potential receptors	Potential pathway & receptor (impact)	Applicant controls					
	<b>Waste:</b> windblown waste	Surface ecosystems - Green Growth RSNAs DBCA Managed Miscellaneous Reserve 125m north-west  Cemetery (public place) 105m east of Premises  Commercial/ industrial premises adjacent to Premises	Air: Adverse impacts to the health and survival of fauna  Amenity impacts	Waste handling takes place within enclosed shed  Site inspection and housekeeping management process in place	Minor	Possible	Medium	Movement and transfer of loosely packed household recyclable waste due to machinery movements and processes could at some point escape the containment of the enclosed Transfer shed.	Infrastructure and Equipment: Condition 2  Waste Processing: Condition 6



Risk Event					Consequence rating	Likelihood rating	Risk	Reasoning	Regulatory controls (refer to conditions of the granted instrument)
Source/Activities	Potential emissions	Potential receptors	Potential pathway & receptor (impact)	Applicant controls					
	<b>Odour:</b> waste management activities	<p>Cemetery (public place) 105m east of the Premises</p> <p>Commercial/ Industrial premises adjacent to the Premises</p> <p>Residential premises 280m to the north of the Premises</p>	Air: Amenity impacts	<p>Waste only handled and stored in enclosed Transfer shed</p> <p>Waste transferred to compactor unit and removed from premises frequently – no long term storage of waste.</p>	Minor	Unlikely	Medium	<p>Due to that nature of materials (recyclables) being accepted on-site odour emissions should not occur in most circumstances and may only occur when non-conforming wastes are received in the recycling waste stream. Additionally the handling and storage of waste materials will only occur within the enclosed Transfer shed.</p>	<p>Infrastructure and Equipment: Condition 2</p> <p>Waste Acceptance: Conditions 3 and 4</p> <p>Waste Processing: Conditions 5 and 6</p> <p>Input and output monitoring: Condition 7</p>

Risk Event					Consequence rating	Likelihood rating	Risk	Reasoning	Regulatory controls (refer to conditions of the granted instrument)
Source/Activities	Potential emissions	Potential receptors	Potential pathway & receptor (impact)	Applicant controls					
	<b>Leachate / Contaminated stormwater</b>	Minor un-named watercourses 290 m to the north- east (Non Perennial) and 300m to the south, south-east (Non Perennial)	Stormwater and surface water runoff	Waste only handled and stored in enclosed shed	Slight	Rare	Low	Operations are undertaken in an enclosed shed therefore the potential for stormwater to come in contact with waste is highly unlikely.  Additionally the nature of recyclable materials received results in minimal leachate produced directly from waste.	Infrastructure and Equipment: Condition 2
	<b>Noise:</b> vehicle movement and waste management activities	Cemetery 105 m east of Premises Commercial premises adjacent to the Premises Residential premises 280 m north of the Premises	Air: health and amenity impacts	Operations occurring inside an enclosed shed	Minor	Possible	Medium	Limited machinery involved in operations is located in the enclosed transfer shed. There may be some localised noise from truck movements.	Infrastructure and Equipment: Condition 2  Noise emissions from on-site operations will be subject to the provisions specified in the Noise Regulations

## 6. Consultation

Method	Comments received	DWER response
Application advertised on DWER website	None received	N/A
Applicant notified of Draft – 21 day referral period	<p>Applicant has confirmed –</p> <ul style="list-style-type: none"> <li>Registered business address</li> <li>72hr timeframe for storage of waste is achievable</li> <li>No weighbridge at site</li> </ul> <p>Applicant has requested –</p> <ul style="list-style-type: none"> <li>'glass materials' be removed from Column 3 'Acceptance specification' for Putrescible Waste</li> <li>The term 'quarantined waste' be changed to 'rejected waste' in Licence Condition 4</li> </ul> <p>Applicant has advised –</p> <ul style="list-style-type: none"> <li>The necessary consent has been obtained from the Shire of Manjimup to operate at the Premises</li> <li>The nature of the road surface in unsealed areas does not generate dust from vehicle movements</li> </ul>	Minor amendments to the Licence and Decision Report were made to include additional information provided

## 7. Conclusion

This assessment of the risks of activities on the premises has been undertaken with due consideration of a number of factors, including the documents and policies specified in this Decision Report (summarised in Appendix 2).

Based on this assessment, it has been determined that the Issued Licence will be granted subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

DWER notes that it may review the appropriateness and adequacy of controls at any time and that, following a review, DWER may initiate amendments to the approval under the EP Act.

### **A/MANAGER WASTE INDUSTRIES REGULATORY SERVICES**

Delegated Officer under section 20 of the *Environmental Protection Act 1986*

# Appendix 1: Premises maps

Premises Map: the premises boundary is defined by the yellow line.



## Appendix 2: Key documents

Document title	In text ref	Availability
DER, July 2015. <i>Guidance Statement: Regulatory principles</i> . Department of Environment Regulation, Perth.	DER 2015a	accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>
DER, October 2015. <i>Guidance Statement: Setting conditions</i> . Department of Environment Regulation, Perth.	DER 2015b	
DER, August 2016. <i>Guidance Statement: Licence duration</i> . Department of Environment Regulation, Perth.	DER 2016a	
DER, February 2017. <i>Guidance Statement: Risk Assessments</i> . Department of Environment Regulation, Perth.	DER 2017a	
DER, February 2017. <i>Guidance Statement: Decision Making</i> . Department of Environment Regulation, Perth.	DER 2017b	