



## Application for Licence Amendment

### Part V Division 3 of the *Environmental Protection Act 1986*

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<b>Licence Number</b>	L8888/2015/1
<b>Licence Holder</b>	Shire of Dardanup
<b>File Number</b>	DER2015/000758-1
<b>Premises</b>	Shire of Dardanup Transfer Station Lot 81 Banksia Road CROOKED BROOK WA 6232  Legal description – Part of Lot 82 on Deposited Plan 403943  As defined by the coordinates in Schedule 1 of the Revised Licence
<b>Date of Report</b>	8/12/2023
<b>Decision</b>	Revised licence granted

Steve Checker

**MANAGER WASTE INDUSTRIES  
REGULATORY SERVICES**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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## 1. Decision summary

Licence L8888/2015/1 is held by the Shire of Dardanup (licence holder) for the Shire of Dardanup Transfer Station (the Premises), located at Lot 81 Banksia Road, Crooked Brook, WA 6232.

This amendment report documents the assessment of potential risks to the environment and public health from proposed changes to the emissions and discharges during the operation of the premises. As a result of this assessment, revised licence L8888/2015/1 has been granted.

The revised licence issued as a result of this amendment consolidates and supersedes the existing licence previously granted in relation to the premises. The revised licence has been granted in a new format with existing conditions being transferred, but not reassessed, to the new format.

## 2. Scope of assessment

### 2.1 Regulatory framework

In completing the assessment documented in this Amendment Report, the department has considered and given due regard to its Regulatory Framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

### 2.2 Application summary

On 25 August 2023, the licence holder submitted an application to the department to amend licence L8888/2015/1 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments are being sought:

- Construct and operate an e-waste shed;
- Repurpose the old e-waste shed into a furniture recycle shop; and
- Receive and store household batteries.

As part of this amendment, the department has included asbestos management conditions as supplied by the licence holder via an email in 2016. The requirement to submit an asbestos management plan was required by previous improvement conditions 3.1.1 and 3.1.2. Section 5.1 of this amendment report provides a summary of the amendments made as part of this application.

### 2.3 Consolidation of Licence

As part of this amendment package the department has consolidated the licence by incorporating changes made under the previous amendment notices. Aside from amendments relating to this application, the obligations of the licence holder have not changed in consolidating the licence. The department has not undertaken any additional risk assessment of the Premises related to previous amendment notices. In consolidating the licence, the CEO has:

- updated the format and appearance of the licence;
- deleted the redundant AACR form set out in schedule 2 of the previous licence and advise the licence holder to obtain the form from the department's website;
- revised licence condition's numbers, and removed any redundant conditions and realigned condition numbers for numerical consistency; and
- corrected clerical mistakes and unintentional errors.

The full consolidation of licence conditions as they relate to this revised licence are detailed in Section 5.1. Previously issued Amendment Notices will remain on the department's website for future reference and will act as a record of the department's decision making.

### 3. Risk assessment

The department assesses the risks of emissions from prescribed premises and identifies the potential source, pathway and impact to receptors in accordance with the *Guideline: Risk assessments* (DWER 2020).

To establish a Risk Event there must be an emission, a receptor which may be exposed to that emission through an identified actual or likely pathway, and a potential adverse effect to the receptor from exposure to that emission.

#### 3.1 Source-pathways and receptors

##### 3.1.1 Emissions and controls

The key emissions and associated actual or likely pathway during premises construction and operation which have been considered in this Amendment Report are detailed in Table 1 below. Table 1 also details the proposed control measures the licence holder has proposed to assist in controlling these emissions, where necessary.

**Table 1: Licence holder controls**

Emission	Sources	Potential pathways	Proposed controls
Dust	Construction of the new e-waste shed, earthworks.	Air/windborne pathway	No additional controls proposed
Noise	Operation – unloading, loading and storage of e-waste and household batteries, vehicle movements.	Air/windborne pathway	No additional controls proposed
Spills of hazardous waste	Unloading, loading and storage of e-waste and household batteries	Direct discharge to the land	Hardstand and containment infrastructure – pallet in shed.
Potentially contaminated stormwater	Unloading, loading and storage of e-waste and household batteries	Overland flow	No additional controls proposed
Fire – smoke	Fire from the loading and storage of e-waste and household batteries	Air/windborne pathway	Fire hydrants, hoses and CO <sub>2</sub> extinguishers present on site
Fire water			Concrete bund to capture any fire water

### 3.1.2 Receptors

In accordance with the *Guideline: Risk assessments* (DWER 2020), the Delegated Officer has excluded employees, visitors and contractors of the licence holder's from its assessment. Protection of these parties often involves different exposure risks and prevention strategies, and is provided for under other state legislation.

Table 2 below provides a summary of potential human and environmental receptors that may be impacted as a result of activities upon or emission and discharges from the prescribed premises (*Guideline: Environmental siting* (DWER 2020)).

**Table 2: Sensitive human and environmental receptors and distance from prescribed activity**

Human receptors	Distance from prescribed activity
Residential Premises	2.6 km east of the premises; 1.9 – 2.4 km west, and north-west of the premises; 1.9 – 2.6 km south-west of the premises.
Environmental receptors	Distance from prescribed activity
Dardanup Conservation Park	950 m east of the premises
Boyanup State Forest	800 m east of the premises
Priority Ecological Community (PEC) – Dardanup Jarrah and Mountain Marri woodland on laterite (P1)	Three occurrences of this PEC occur within the Dardanup Conservation Park. The closest occurrence is mapped within 2 km of the premises eastern boundary
Priority Ecological Community/Threatened Ecological Community (TEC) – Banksia Dominated Woodlands of the Swan Coastal Plain	Two occurrence of this PEC/TEC is mapped within a 3 km radius of the premises.

## 3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020) for those emission sources which are proposed to change and takes into account potential source-pathway and receptor linkages as identified in Section 3.1. Where linkages are incomplete they have not been considered further in the risk assessment.

Where the licence holder has proposed mitigation measures/controls (as detailed in Section 3.1), these have been considered when determining the final risk rating. Where the Delegated Officer considers the licence holder's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the licence as regulatory controls.

Additional regulatory controls may be imposed where the licence holder's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 3.

The revised licence L8888/2015/1 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. acceptance of e-waste and household batteries.

The conditions in the revised licence have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

**Table 3: Risk assessment of potential emissions and discharges from the Premises during construction and operation**

Risk Event					Risk rating <sup>1</sup> C = consequence L = likelihood	Licence holder's controls sufficient?	Conditions <sup>2</sup> of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence holder's controls				
<b>Construction</b>								
Construction and placement of new e-waste storage shed and battery storage area.	Dust	Air/windborne pathway causing impacts to health and amenity	Residences within 1.9 km of the premises boundary	Refer to Section 3.1	C= Slight	Y	N/A	N/A
	Noise				L= Unlikely <b>Low Risk</b>	Y	N/A	N/A
<b>Operation</b>								
Unloading, loading and storage of e-waste and household batteries. Vehicle movements	Dust	Air/windborne pathway causing impacts to health and amenity	Residences within 1.9 km of the premises boundary	Refer to Section 3.1	C= Slight	Y	N/A	N/A
	Noise				L= Unlikely <b>Low Risk</b>	Y	N/A	N/A
	Spills of hazardous waste	Direct discharge to the land causing impacts on human health, soil and ground water quality	Dardanup Conservation Park and Boyanup State Forest	Refer to Section 3.1	C= Minor L= Possible <b>Medium Risk</b>	Y	Condition 2, Table 1, <b><u>Condition 4, Table 3, Row 1, e) – f)</u></b> .	The Delegated Officer has included the applicants controls in the licence and added a condition to ensure all hazardous waste is stored within a self-bunded container to mitigate the risk of spills.
	Potentially contaminated stormwater	Overland flow causing impacts on human health, soil and ground water quality			C= Minor L= Possible <b>Medium Risk</b>	N	Condition 1, Table 1, c) <b><u>Condition 4, Table 3, Row 1, e) – f)</u></b> <b><u>Condition 4, Table</u></b>	The Delegated Officer has included the applicants proposed controls within the licence, including the construction of a concrete bund to

Risk Event					Risk rating <sup>1</sup> C = consequence L = likelihood	Licence holder's controls sufficient?	Conditions <sup>2</sup> of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence holder's controls				
							<b><u>3, Row 2, c)</u></b> <b><u>Condition 4, Table 3, Row 3.</u></b> <u>Condition 7</u>	manage stormwater. A condition has also been added to ensure all hazardous waste is stored undercover. The Delegated Officer has also included a condition ensuring e-waste is stored in accordance with AS/NZS 5377:2013 to mitigate the risk of potentially contaminated stormwater.
	Fire - smoke	Air/windborne pathway causing impacts to health and amenity	Residences; Dardanup Conservation Park and Boyanup State Forest		C= Moderate L= Possible <b>Medium Risk</b>	Y	Condition 1, Table 1, c)	The Delegated Officer has included the applicants fire controls including the construction/ installation of CO <sub>2</sub> extinguishers and a concrete bund to mitigate the risk from smoke and fire water.
	Fire water	Direct discharge to the land causing impacts on human health, soil and ground water quality	Dardanup Conservation Park and Boyanup State Forest		C= Moderate L= Possible <b>Medium Risk</b>	Y	Condition 1, Table 1, c)	

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guideline: Risk assessments* (DWER 2020).

Note 2: Proposed licence holder's controls are depicted by standard text. **Bold and underline text** depicts additional regulatory controls imposed by department.



## 4. Consultation

Table 4 provides a summary of the consultation undertaken by the department.

**Table 4: Consultation**

Consultation method	Comments received	Department response
Licence holder was provided with draft amendment on 20/11/2023	Licence holder provided missing information and requested additional household battery types be listed in waste acceptance table.	additional household battery types were listed in waste acceptance table.

## 5. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that a revised licence will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

### 5.1 Summary of amendments

Table 5 provides a summary of the proposed amendments and will act as record of implemented changes. All proposed changes have been incorporated into the revised licence as part of the amendment process. Table 6 provides a summary of the consolidation of licence conditions within this amendment.

**Table 5: Summary of licence amendments**

Condition no.	Proposed amendments
Condition 1, Table 1	New condition added to include the construction/ installation of the new e-waste shed, including condition that it is constructed on a concrete hardstand and has the relevant fire management infrastructure installed.
Condition 2, Table 2	Hazardous waste – used batteries, and e-waste rows added.
Condition 4, Table 3	Hazardous waste row process limits amended to specify conditions relating to storage limits; Hazardous waste – used batteries, and e-waste rows added.
Conditions 11 - 12	New conditions added to the licence to include conditions outlined in the licence holders asbestos management plan as submitted to the department in 2016.
Condition 17, Table 4	Amended the monitoring of inputs and outputs table to include hazardous waste, hazardous waste – used batteries, and e-waste.

**Table 6: Consolidation of licence conditions in this amendment**

Existing condition	Condition summary	Revised licence condition	Conversion notes
N/A	Cover page	N/A	Update to current licensing format

Existing condition	Condition summary	Revised licence condition	Conversion notes
N/A	Prescribed Premises Category table	N/A	Revised to current licensing format.
1.1.1 1.1.2	Interpretation and definitions	N/A Interpretation section, Definitions and Table 8	Redundant condition. Revised to current licensing format.
1.1.3	Australian or other standard	N/A Interpretation section, Definitions and Table 1	Redundant condition. Revised to current licensing format.
1.1.4	Reference to code of practice	N/A Interpretation section, Definitions and Table 1	Redundant condition. Revised to current licensing format.
1.2.1	General condition regarding storm water	Condition 7	Updated numbering
1.3.1	Waste acceptance	Condition 2	Updated numbering
1.3.2	Quarantine	Condition 3	Updated numbering
1.3.3	Waste processing	Condition 4	Updated numbering
1.3.4 and 1.3.5	Security and signage	Condition 5 and 6	Updated numbering
1.3.6	Vermin and pests	Condition 9	Updated numbering
1.3.7	Windblown waste	Condition 8	Updated numbering
1.3.8	No burning of waste	Condition 10	Updated numbering
2.1.1 – 2.1.4	General monitoring	Conditions –13 - 16	Updated numbering
2.2.1	Monitoring inputs and outputs	Condition 17	Updated numbering
2.3.1	Ambient groundwater monitoring	Condition 18	Updated numbering
3.1.1 and 3.1.2; Table 3.1.1	Improvements	N/A	Redundant condition. Date of completion was 28/10/2016. Deleted from licence.
4.1.1 – 4.1.3	Records	Conditions 19 - 22	Updated numbering and updated to current format
4.2.1, Table 3.2.1	Annual Environmental Report	Condition 23, Table 6	Updated numbering

Existing condition	Condition summary	Revised licence condition	Conversion notes
4.2.2, Table 4.2.2	Non-annual reporting requirements	N/A	Redundant condition – included in Condition 23 – Annual Environmental Report.
4.3.1, Table 4.3.1	Notification requirement	Condition 24, Table 7	Updated numbering
Schedule 1: Maps	Premises map	Schedule 1: Maps	New naming convention, updated map
Schedule 2 Reporting & notifications	Annual Audit Compliance Report Form N1 Notification	N/A	Redundant attachment. Deleted from Licence  Forms accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>

## References

Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.

Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.

DWER 2020, *Guideline: Risk Assessments*, Perth, Western Australia.

## Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY				
<b>Application type</b>				
Amendment to licence	<input checked="" type="checkbox"/>	Current licence number:	L8888/2015/1	
		Relevant works approval number:		N/A <input type="checkbox"/>
Date application received		21/08/2023		
<b>Applicant and Premises details</b>				
Applicant name/s (full legal name/s)		Shire of Dardanup		
Premises name		Shire of Dardanup waste transfer station		
Premises location		Lot 81 Marginata close CROOKED BROOK WA 6236		
Local Government Authority		Shire of Dardanup		
<b>Application documents</b>				
HPCM file reference number:		DER2015/000758-1~1		
Key application documents (additional to application form):		<i>Deed of lease</i> <i>Premises map</i>		
<b>Scope of application/assessment</b>				
Summary of proposed activities or changes to existing operations.		<p>Construction of new e-waste shed and repurposed old e-waste shed to furniture recycle shop.</p> <p>Collect e-waste in a proposed new e-waste shed, e-waste will then be stored in a 20 ft sea container for transport to recognised recycler Total Green.</p> <p>Collect and store household batteries for recycling. Waste type: Hazardous waste. Collection to be in a specialised Total Green cardboard boxes with inner lining, stored on a pallet under the roof space of the proposed new e-waste shed.</p>		
<b>Category number/s (activities that cause the premises to become prescribed premises)</b>				
<b>Table 1: Prescribed premises categories</b>				
Prescribed premises category and description	Assessed production or design capacity	Proposed changes to the production or design capacity (amendments only)		
Category 62: Solid waste depot: premises on which waste is stored, or sorted pending final disposal or reuse.	5,000 tonnes per annual period	No change		

Legislative context and other approvals		
Has the applicant referred, or do they intend to refer, their proposal to the EPA under Part IV of the EP Act as a significant proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	General lease <input checked="" type="checkbox"/> Expiry: Proof of occupancy demonstrated in RFI response
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	N/A
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	No clearing is proposed.
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	No clearing is proposed.
Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Licence / permit not required.
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A
Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004</i> , <i>Environmental Protection (Controlled Waste) Regulations 2004</i> , <i>State Agreement Act xxxx</i> )	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Dangerous Goods Safety Act 2004; Contaminated Sites Act 2003</i>
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A

<p>Is the Premises subject to any EPP requirements?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>N/A</p>
<p>Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i>?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	<p>Classification: possibly contaminated – investigation required (PC–IR) Date of classification: May 28 2014</p>