

Amendment Report

Application for Licence Amendment

Part V Division 3 of the Environmental Protection Act 1986

Licence Number	L7084/1997/16
Licence Holder	Shire of Donnybrook-Balingup
ABN	88 470 935 824
File Number	DER2015/001439
Premises	Donnybrook Waste Management Facility Goodwood Road PAYNEDALE WA 6239 Being State Forest 27 (Interim Tenancy Agreement No. 911/97) as depicted in Schedule 1
Date of Report	19 July 2022
Proposed Decision	Revised licence granted

Stephen 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 L7084/1997/16 is held by the Shire of Donnybrook-Balingup (Licence Holder) for the Donnybrook Waste Management Facility (the Premises), located at State Forest 27, Goodwood Road Paynedale WA 6239 (Interim Tenancy Agreement No. 911/97).

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 L7084/1997/16 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 Amendment summary

On 17 March 2022, the Licence Holder submitted an application to the department to amend Licence L7084/1997/16 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The application relates to following hazardous household waste materials acceptance on the premises which will be stored in sealed skip bins and disposed of off-site at an appropriate facility:

- Treated timber (up to 1,000 kg per annum later revised to 5,000 kg per annum)
- Household paint/thinners (up to 2000 L per annum)
- Gas bottles (up to 20 units per annum later revised to 100 units per annum)
- Fire extinguishers (up to 20 units per annum later revised to 50 units per annum)
- E-waste (up to 10,000 kg per annum).

During the assessment process, the Applicant requested the following additional waste types/volumes be included in the amendment:

- Household Batteries 200kg / annum
- Vehicle batteries 200 / annum
- Fluorescent Tubes 250 / annum

No changes to the aspects of the existing Licence relating to Category 62 and 64 have been requested by the Licence Holder.

2.3 Consolidation of Licence

As part of this amendment package the department has consolidated the licence by incorporating changes made under the Amendment Notices as summarised in Table 1.

Instrument	Issued	Summary of approval
L7084/1997/16	17/6/2015	Licence re-issue
L7084/1997/16	4/02/2016	Licence amendment to increase Category 64 production and design capacity and add Category 62 to the licence
L7084/1997/16	8/02/2019	Amendment Notice 1 – DWER initiated Administrative amendment to Extend Licence Expiry

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 Section A, Section B and Section C AACR form set out in schedule 2 of the previous licence and advise the Licensee 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.

The site is located approximately 970 metres to the south of the town of Donnybrook.

Potential emissions from the operation of this site are odour and fugitive leachate emissions.

3.1 Source-pathways and receptors

3.1.1 Emissions and controls

The key emissions associated with actual or likely pathway during premises operation have been considered in this Amendment Report which are detailed in Table 2 below.

Table 2 also details the proposed control measures the Licence Holder has proposed to assist in controlling these emissions, where necessary.

Table 2: Licence Holder controls

Emission	Sources	Potential pathways	Proposed controls
Leachate	Storage of timber/paint/ thinner and contaminated solid waste	Seepage to soils and groundwater	Stored directly in a skip bin for appropriate offsite disposal

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 3 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 3: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity		
Residential premises	Town of Donnybrook is located at 970 m north of the site A residence is located at 200 m to the east of the site		
Environmental receptors	Distance from prescribed activity		
Specified ecosystems	DWMF is located within Public Drinking Water Source Area (PWDSA)		
TECs/PECs	 No threatened and priority flora is located within the site, but the following threatened fauna occur within 500 m: 1. Pseudocheirus occidentalis - western ringtail possum, ngwayir - Threatened - Critically endangered 2. Phascogale tapoatafa wambenger - south-western brush-tailed phascogale, wambenger listed as Specially Protected - conservation dependent 3. Dasyurus geoffroii - chuditch, western quoll Threatened - Vulnerable mammal 		

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 4.

The Revised Licence L7084 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises.

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

Table 4. Risk assessment of potential emissions and discharges from the Premises operation

Risk Event	Risk rating ¹ Licence									
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls	C = consequence	Holder's controls sufficient?	controls	controls	Conditions ² of licence	Justification for additional regulatory controls
Acceptance, storage and handling of household hazardous wastes	Spills, contaminated leachate from rainfall	Direct discharge to land and seepage to groundwater causing impacts to PDWSA groundwater	Groundwater PDWSA	Refer to Section 5.1	C = Minor L = Unlikely Risk = Medium	Y	Conditions 3, 4 and 5 regulate fugitive leachate emissions.	The Delegated Officer considers that leachate from interaction of rainfall with solid wastes and from spillage of liquid wastes may present a risk to groundwater in the PDWSA area. Condition added to require that containment skips are either impervious or stored on an impervious hardstand		

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 5 provides a summary of the consultation undertaken by the department.

Table 5: Consultation

Consultation method	Comments received	Department response	
Licence Holder was provided with draft amendment on (27 June 2022)	Refer to Appendix 1	Refer to Appendix 1	

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

Error! Reference source not found. provides a summary of the proposed amendments and w ill act as record of implemented changes. All proposed changes have been incorporated into the Revised Licence as part of the amendment process.

Existing condition	Condition summary	Revised licence condition	Conversion notes	
N/A	Introduction	N/A	Revised to current licensing format.	
1.1.1 1.1.2	Interpretation and definitions	N/A - Interpretation section, Definitions and Table 1	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	Prevention of contamination and containment of contaminated stormwater	N/A	Redundant condition. Adequately covered by alternative existing conditions and proposed new conditions. Deleted from licence.	
1.3.1 Table 1.3.1	Waste acceptance	Condition 1 Table 1	Revised to current licensing format.	
1.3.2	Waste acceptance	Condition 2	New numbering	
1.3.3 Table 1.3.2	Waste processing	Condition 3 Table 2	New numbering	
1.3.4	Landfill activities	Condition 4	New numbering	
1.3.5	Landfill cover	Condition 5	New numbering	

Table 6: Consolidation of licence conditions in this amendment

L7084/1997/16

Existing condition	Condition summary	Revised licence condition	Conversion notes	
Table 1.3.3		Table 5		
1.3.6 – 1.3.10	Access	Conditions 6 - 10	New numbering	
2.1.1 Table 2.1.1	Monitoring	Condition 11 Table 4	New numbering	
N/A	Records and Reporting	Condition 12	New condition	
3.1.1	Records	Condition 17	Condition reworded	
3.1.2	Compliance	Condition 13	Condition reworded	
3.1.3	Complaint	Condition 15	Condition reworded	
N/A	Information	Condition 16	Condition reworded	
3.2.1 Table 5	Annual Environmental Report	N/A	Redundant condition.	
3.3.1 Table 6	Notification	Condition 14	Condition reworded	
N/A	Definitions	N/A	Table 7 added	
Schedule 1: Maps	Premises map	Schedule 1: Maps	No change to map	
Schedule 2 Reporting & notifications	Annual Audit Compliance Report Form N1 Notification	N/A	Redundant attachment. Deleted from Licence Forms accessed at <u>www.dwer.wa.gov.au</u>	

References

- 1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
- 2. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
- 3. DWER 2020, Guideline: Risk Assessments, Perth, Western Australia.
- 4. Environmental Protection Authority (EPA) 2018, Environmental Impact Assessment (Part IV Divisions 1 and 2) Procedures Manual, Environmental Protection Authority, Perth, WA.

Appendix 1: Summary of Licence Holder's comments on risk assessment and draft conditions

Condition	Summary of Licence Ho	older's comment	Department's response			
1	The licence holder has requested further amendments to the quantities of waste permitted to be received as per the following table.			The Delegated Officer considers that the applicant's requested changes do not materially impact the risk of emissions and discharges from the premises. The		
	Waste	Original Requested Volume	Revised Requested Volume	Licence has been amer waste as per the follow	ded to receive the quantities of ig table.	
	Treated Timber 1T / annum 5T / annum Waste	Waste	Revised Requested Volume			
	Household Paint	2000L / annum	2000L / annum	Treated Timber	5T / annum	
	Gas Bottles	20 / annum	100 / annum	Household Paint	2000L / annum	
	Fire Extinguishers	20 / annum	50 / annum	Gas Bottles	100 / annum	
	E – waste	10T / annum	10T / annum	Fire Extinguishers	50 / annum	
				E – waste	10T / annum	
1	batteries and fluoresce	eceiving and disposing offer ant tubes for a number of y ance. The following quantit Requested Volume	requested changes do emissions and discharg	considers that the applicant's not materially impact the risk of les from the premises. Licence the following quantities of waste		
	Household batteries	200kg / annum		Waste	Requested Volume	
	Vehicle batteries	200 / annum	-	Household batteries	200kg / annum	
	Fluorescent tubes	250 / annum		Vehicle batteries	200 / annum	

Condition	Summary of Licence Holder's comment	Department's response		
		Fluorescent tubes	250 / annum	
1		Omitted waste type from Table 1 and Table 2 - Contaminated Solid Waste – None specified		

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY							
Application type							
Amendment to licence	X	Current licence number:	L7084/1997/16				
Amendment to licence		Relevant works approval number:		N/A			
Date application received		17/03/2022					
Applicant and Premises details							
Applicant name/s (full legal name/s)		Shire of Donnybrook Balingup					
Premises name		Donnybrook Waste Management Facility Goodwood Rd, Paynedale					
Premises location		State Forest F27 Goodwood Rd, Donnybrook					
Local Government Authority		Shire of Donnybrook - Balingup 1 Bentley Street Donnybrook WA 6239					
Application documents							
HPCM file reference number:		DER2015/001439 - DWERDT578096					
Key application documents (additional to application form):		Attachment 1A - Interim tenancy agreement – Shire and DBCA have an existing interim tenancy agreement (Ref: 911/97) in place since 2006 Attachment 2 – Site location map					
Scope of application/assessment							
Summary of proposed activities or changes to existing operations.		 Seeking permission to accept hazardous household waste on the existing licence: Treated timber Household paint / thinners (up to 100 tins per annum Gas bottles (up to 20 per annum) Fire extinguishers E-Waste All items stored in sealed skip bins and disposed of off-site at appropriate facilities 					

Category number/s (activities that cause the premises to become prescribed premises)

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Prescribed premises category and description				Proposed changes to the production or design capacity (amendments only)					
			100	Source of entration or sheckerge	Emission or discharge type	Volume and Requestly	Proposed controls (include in Attactories 6A IT estimative or constex)	Location (an elle layout prim - ese 3.4)	
Category 62 Solid waste depot: premises on which waste is stored, or sorted,		500 tonnes per annual period.		Treated limber	Leadage	1000kg (Stored drecity in a skip bin for appropriate offsite disposal	Site plan attached	
				Paint / thinners	Loachaile	2000 L/-	Stored dreetly in a wild bin for appropriate offete	Sila plan attached	
				Gas bottas	Landchada	Less than 20 Famulti	Internet directly in a skip bin for appropriate offsite	Site plan attached	
pending final disposal or re-use.			4	Fire	Laschula	Less than 20 Lannum	Insposel Stored descity in a skip bin for appropriate offsite	Site plan attached	
				E-waste	Localitudes	10,000kg/	dispose Stored dractly in a skip bin for appropriate offsite dispose	Sile plan attached	
Class II putrescible landfill site: premises on which waste (as determined by reference to the waste type set out in the document "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer, as amended from time to time) is accepted for burial.	6,700 tonnes per annual period.								
egislative context and other approv	/als								
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 □ No ⊠		Mana	Referral decision No: Managed under Part V □ Assessed under Part IV □				
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?		Yes □ No ⊠			Ministerial statement No: EPA Report No:				
Has the proposal been referred and/or assessed under the EPBC Act?		Yes 🗆 No 🖂			Refer	Reference No:			
Has the applicant demonstrated occupancy (proof of occupier status)?		Yes 🛛 No 🗆		Certificate of title General lease Mining lease / tenement Expiry: Other evidence Expiry:					
Has the applicant obtained all relevant planning approvals?		Yes 🗆 No 🛙	⊠ N	/A 🗆		oval: / date: explair	ו why?		

 $\mathsf{Yes}\,\Box\quad\mathsf{No}\,\boxtimes$

Has the applicant applied for, or have an

existing EP Act clearing permit in relation

CPS No: N/A

No clearing is proposed.

to this proposal?		
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes 🗆 No 🖂	Application reference No: N/A Licence/permit No: N/A
Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes 🗆 No 🖂	Application reference No: Licence/permit No: 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 □ No ⊠	Name: N/A Has Regulatory Services (Water) been consulted? Yes No N/A Regional office: South West
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes ⊠ No □	Name: Yes Are the proposed activities/ landuse compatible with the PDWSA (refer to <u>WQPN 25</u>)? DWMF Located within PWDSA Waste types the subject of this application to be stored directly in a skip bin for appropriate of Isite disposal
Is the Premises subject to any other Acts or subsidiary regulations (e.g. Dangerous Goods Safety Act 2004, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxxx)	Yes □ No ⊠	
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes □ No ⊠	
Is the Premises subject to any EPP requirements?	Yes □ No ⊠	
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes 🗆 No 🗆	Classification: Yes DMO 1679 - Possibly contaminated – investigation required (PC–IR) Date of classification: 31 July 2012