



Application for Licence Amendment

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

Licence Number	L7303/1998/10
Licence Holder	Western Metropolitan Regional Council
File Number	APP-0029912
Premises	West Metro Recycling Centre 60 Lemnos Street SHENTON PARK WA 6010 Legal description – Part of Lot 11541 on Deposited Plan 189946 As defined by the coordinates in Schedule 2 of the Licence
Date of Report	23 October 2025
Decision	Revised licence granted

Table of Contents

1. Decision summary	1
2. Scope of assessment	1
2.1 Regulatory framework	1
2.2 Application summary	1
3. Risk assessment.....	2
3.1 Source-pathways and receptors	2
3.1.1 Emissions and controls	2
3.1.2 Receptors.....	3
3.2 Risk ratings.....	4
4. Consultation	9
5. Conclusion	9
5.1 Summary of amendments.....	9
References.....	10

Table 1: Licence Holder controls.....	2
Table 2: Sensitive human and environmental receptors and distance from prescribed activity.	3
Table 3. Risk assessment of potential emissions and discharges from the Premises during operation.....	5
Table 4: Consultation	9
Table 5: Summary of licence amendments	9

1. Decision summary

Licence L7303/1998/10 is held by Western Metropolitan Regional Council (Licence Holder) for the West Metro Recycling Centre (the Premises), located at 60 Lemnos Street, Shenton Park, WA, 6010.

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 L7303/1998/10 has been granted.

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 30 July 2025, the Licence Holder submitted an application to the department to amend Licence L7303/1998/10 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments were sought:

- Increase Household Hazardous Waste acceptance to a combined total of 150 tonnes per annum (tpa) (Condition 4 (b)) from 100 tpa.
- Increase E-waste waste acceptance to a combined total of 150 tpa from 100 tpa.
- Include X-rays in the list of household hazardous waste specification (condition 4 (c)).
- Replace Schedule 1, Figure 3 with updated Transfer Station figure.
- Modify waste processing conditions for Food Organics, Garden Organics (FOGO) to remove unused System 1 from FOGO processing. Extend maximum transfer time into the hopper from 30 to 90 minutes to prioritise unloading FOGO trucks at Area 2. As FOGO facilities close on weekends, sealed trailers received on late Fridays will be removed from the premises as soon as practicable and no later than 72 hours after being received.
- Modify waste processing conditions for Putrescible Waste (specific to Municipal Solid Waste (MSW)), to retire the silo system and improve MSW handling using the existing hopper and static compactor with new rear ejector trailers. Increase transfer time to 90 minutes. Allow sealed trailers received late Fridays to be removed from site as soon as practicable and no later than 72 hours after being received.
- Modify waste processing conditions for Putrescible Waste, to include Bulk Waste under MSW classification with the same conditions as Greenwaste. Allow 90 minutes transfer time into the hopper. Allow sealed trailers received late Fridays to be removed from site as soon as practicable and no later than 72 hours after being received.

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 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
Odour	Modifying waste processing conditions for FOGO and Putrescible waste to allow increased transfer time (90 minutes)	Air/windborne pathway	No new controls proposed
Fire	Increased storage of household hazardous waste and e-waste	Air/windborne pathway	The proposed increase in volume will be managed through increased frequency of collection by authorised contractors rather than any increase in on site infrastructure or storage capacity.
Leachate	Modifying waste processing conditions for FOGO and Putrescible waste to allow increased transfer time (90 minutes)	Overland runoff pathway Subsurface seepage	No new controls proposed
Contaminated stormwater	Increase of Hazardous waste/E-Waste total combined tonnage per annum Modifying waste processing conditions for FOGO and Putrescible waste.	Overland flow pathway Subsurface seepage	No new controls proposed

Emission	Sources	Potential pathways	Proposed controls
Windblown waste	Modifying waste processing conditions for FOGO Putrescible waste to allow increased hold times in trailers to cater for offsite processing center's business hours	Windborne pathway	No new controls proposed

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 – high density subdivision	770 metres southwest of Prescribed Premises
Sports Oval	285 m northwest of the Prescribed Premises
Hospital	370 metres south southwest of Prescribed Premises
School	800 metres east of Prescribed Premises 400 m southwest of the Prescribed Premises
Water Corporation wastewater treatment plant	200 metres northeast of the Prescribed Premises
Department of Defence – Army Base	150 metres south southeast of the Prescribed Premises
Perth Transit bus depot	100 metres west of the Prescribed Premises
Bore water users	8 within 500 m radius of Prescribed Premises
Environmental receptors	Distance from prescribed activity
Bush Forever Site 217 – Shenton Bushland	475 m east of the Prescribed Premises
Threatened Ecological Community	Three occurrences of a TEC within 20 m of the Prescribed Premises
Perth Groundwater area	5-10 mbgl of the Prescribed 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 L7303 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 3. Risk assessment of potential emissions and discharges from the Premises during operation

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
Operation								
Increase acceptance of Hazardous waste/E-Waste total to 150 tonnes per year Inclusion of x-rays in list of hazardous waste acceptance	Odour	Air/windborne pathway causing impacts to health and amenity	Nearby residential premises 770m southwest of the premises Adjacent industry	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Condition 1-5 Condition 22	The Delegated Officer notes that the proposed increase in volume received will be managed through increased frequency of collection by authorized contractors of the various waste streams rather than any increase in on-site infrastructure or storage capacity. Given that onsite storage will not be increasing the Delegated Officer is satisfied that no further regulatory controls are required.
	Fire/smoke	Air/windborne pathway causing impacts to health and amenity	Nearby residential premises 770m southwest of the premises Adjacent industry, north and west of the premises Banksia Woodland TEC Department of Defense Army Base located to the east of the premises	Refer to Section 3.1	C = Major L = Possible Medium Risk	Y	Condition 1-5 Condition 22	The Delegated Officer notes that the proposed increase in volume received will be managed through increased frequency of collection by authorized contractors of the various waste streams rather than any increase in on-site infrastructure or storage capacity. Given that onsite storage will not be increasing the Delegated Officer is satisfied that no further regulatory controls are required.

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
	Leachate	Overland runoff potentially impacting soil and groundwater	Bore-water users within 500 m radius	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Condition 1-5 Condition 22	The Delegated Officer notes that the proposed increase in volume received will be managed through increased frequency of collection by authorised contractors of the various waste streams rather than any increase in on-site infrastructure or storage capacity. Given that onsite storage will not be increasing the Delegated Officer is satisfied that no further regulatory controls are required.
	Contaminated stormwater	Air/windborne pathway causing impacts to health and amenity	Surface water Banksia Woodland TEC	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Condition 3 Condition 22	The Delegated Officer notes that the proposed increase in volume received will be managed through increased frequency of collection by authorized contractors of the various waste streams rather than any increase in on-site infrastructure or storage capacity. Given that onsite storage will not be increasing the Delegated Officer is satisfied that no further regulatory controls are required.

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
Modifying waste processing conditions for FOGO/Putrescible Waste	Odour	Air/windborne pathway causing impacts to health and amenity	Nearby residential premises Adjacent industry locations	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Condition 4 Condition 22	The Delegated Officer considers that due to the current and proposed controls for handling and storage of FOGO/Putrescible waste, impacts to health and amenities are not likely to occur in most circumstances. The Delegated Officer notes that the increased hold times of 90 minutes (from delivery) is unlikely to impact the risk.
	Leachate	Overland runoff contaminating stormwater and ecological receptors Migration to soil and groundwater underlying the site impacting nearby non-potable groundwater users	Bore water users (eight registered bore water abstraction wells within a 500 m radius of the premises)	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Conditions 4 Condition 22	Condition 22 outlines the current and proposed applicant controls for storage and handling of FOGO/Putrescible waste. Combined with the existing on-site leachate collection system, the Delegated Officer considers that impacts to stormwater, soil and groundwater are not likely to occur in most circumstances.
	Windblown waste	Winborne pathway causing impact to ecosystems or surface water quality	Nearby residential premises Banksia Woodland TEC	Refer to Section 3.1	C = Minor L = Possible Medium Risk	Y	Condition 22 Condition 25	Condition 23 requires the premises boundary to be fenced, and entrance gates to be securely locked when premises is unattended, which helps mitigate the risk of windblown waste from the premises. Condition 25 requires the licence holder to take all practical measures to ensure

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
								that no windblown waste escapes the premises. The Delegated Officer considers that the existing regulatory controls are sufficient to manage the risk of windblown waste.

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
Applicant was provided with draft document on 17/10/2025	On 20 October 2025, the licence holder advised that the proposed amendments align with the Western Metropolitan Regional Council's application and requested to waive the consultation period and issue the amended licence promptly.	Noted.

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 5: Summary of licence amendments

Condition no.	Proposed amendments
4 (b) and (c) Table 1: Hazardous waste	Increase combined total of 150 tonnes per year (from 100 tonnes per year). Inclusion of used X-Rays disposed of by residents in the list of hazardous waste specification
4 (b) Table 1: E-waste waste	Increase combined total to 150 Tonnes per year (from 100 tonnes per year)
22. Table 2: FOGO amendments	Delete reference to System 1, delete title of System 2 and replace with the following points: - Unloaded within the transfer station into Area 2 (as depicted in Schedule 1, Figure 3) – new figure 3 to be included - Waste transferred from Area 2 into the adjacent hopper in Area 3 within 9-minutes - Hopper to feed into static compactor below and connected blade ejection waste trailer - Waste trailer to be sealed after disconnection from compactor - Areas 2 & 3 to be cleaned at the end of each working day - Waste Trailer must be removed from Premises as soon as practicable and no later than 72 hours after being received

22. Table 2: Putrescible Waste (MSW, green waste and bulk waste)	Delete conditions currently stated and replace with the following points: Specific for MSW – • Unloaded within the transfer station into Area 1 (as depicted in revised Schedule 1, Figure 3) • Waste transferred from Area 1 into the Adjacent hopper in Area 3 within 90 minutes • Hopper to feed into static compactor below and connected blade ejector waste trailer • Areas 1 & 3 to be cleaned at end of each working day • Waste Trailer must be removed from Premises as soon as practicable and no later than 72 hours after being received Specific for green waste & bulk • To be sorted and stored within designated bunded hardstand areas • Must be removed from Premises as soon as practicable and no later than 72 hours after being received
Schedule 1 Figure 3	Replacing Figure with updated Transfer Station map figure

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.