Government of Western Australia
Department of Water and Environmental Regulation

Amendment Report

Application for Licence Amendment

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

Licence Number	L6610/1993/11
Licence Holder	Lennard Waste Pty Ltd
ACN	151 475 286
File Number	INS-0001330 / APP-0032510
Premises	Jenour Liquid Waste Facility 205 Lennard Road BUREKUP WA 6227 Legal description – Part of Lot 89 on Plan 2842 As defined by the coordinates in Schedule 2 of the Revised Licence
Date of Report	31 March 2026
Proposed Decision	Revised licence granted

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1. Decision summary

Licence L6610/1993/11 is held by Lennard Waste Pty Ltd (Licence Holder) for Jenour Liquid Waste Facility (the Premises), located at 205 Lennard Road, BUREKUP WA 6227.

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 L6610/1993/11 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 and overview of premises

On 18 November 2026, the Licence Holder submitted an application to the department to amend Licence L6610/1993/11 under sections 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The application seeks to commission a recently constructed modular water resource recovery facility (WRRF), installed under Works Approval W6736/2022/1, and to increase the licence production and design capacity (P&DC) from 10,000 kL to 15,000 kL per annual period.

The Licence Holder has recently upgraded its existing liquid waste facility by installing the modular WRRF to replace the existing anaerobic and facultative ponds that provide primary and secondary treatment. The WRRF has a P&DC of 15,000 kL per annual period and discharges all treated wastewater (TWW) to the existing 1.6 ha rootstock irrigation area, consistent with the existing licence.

The following amendments are being sought:

- A 3-month environmental commissioning period for the following components of the WRRF;
    - Screening and grit system
    - Flow balancing tanks - Equalisation and process tanks
    - Primary treatment – Lamella Clarifier Unit
    - Secondary treatment - Anoxic and Aerobic tanks
    - Tertiary Treatment - Anaerobic tank
    - Clarification tank - Lamella Clarifier Unit
- Increase the P&DC from 10,000kL to 15,000kL per annual period.

The Licence Holder proposes additional works involving de-sludging and refurbishment of existing pond infrastructure, once the WRRF has been commissioned. These activities are not authorised under the current licence and would require a future application to amend the licence.

The Applicant has advised that there will be no increase in licensed parameters for irrigated TWW, and that existing licence conditions relating to treated wastewater quality are proposed to remain unchanged. The Applicant advises that the WRRF is expected to produce TWW

with nitrogen and phosphorus concentrations of 14 mg/L and 4 mg/L, respectively. These nutrient loading rates are within the existing discharge limits under licence condition 9, therefore, no amendment to the existing nutrient discharge limits is required.

Table 1 below outlines the proposed changes to the existing Licence.

Table 1: Proposed design or throughput capacity changes

Category	Current design throughput capacity	Proposed design throughput capacity	Description of proposed amendment
61	*10,000 kilolitres per annual period*	*15,000 kilolitres per annual period*	*The Licence Holder has upgraded the existing liquid waste facility at the premises which now has a production and design capacity of 15,000 kL per annual period*

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 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
Dust	*Movement of vehicles*	*Air / windborne pathway*	*Water cart.* *Speed restrictions.*
Noise	*Operation of WRRF*	*Air / windborne pathway*	*Sitting.* *Package plant so noise is limited.*
Spills	*Operation of WRRF*	*Seepage to soil, vegetation and groundwater*	*Storage of small volumes of WRRF.* *Associated chemicals will comply with Australian Standards.* *Bunded storage area.* *Additional spill kits will be provided so that any*

Emission	Sources	Potential pathways	Proposed controls
			hydrocarbon spillages are mopped up immediately. *Any spill material will be placed in the sludge drying bed.*
Odour	*Operation of WRRF*	*Air / windborne pathway*	*WRRF employ tanks and containers which are sealed or closed and reduce odour.* *Properly treated wastewater should not produce significant odour.* *Inspections and maintenance.*
Stormwater	*Operation of WRRF*	*Seepage to soil, vegetation, groundwater and overflow to surface water bodies*	*Existing WRRF area has established stormwater drainage system to direct uncontaminated stormwater away.* *Uncontaminated stormwater is directed to a dam downslope for the WRRF.* *The WRRF foundations are slightly elevated to encourage rainwater runoff into a spoon drain and directed to the existing containment lagoons (anaerobic ponds).* *Any rainwater falling on the existing sludge drying beds will drain through the drying bed media and directed via the existing drainage system to the containment lagoons (anaerobic ponds).*
Irrigation of treated wastewater	*Operation of WRRF*	*Seepage to soil and groundwater*	*WRRF employs tanks and containers which are contained (closed).* *Specified waste acceptance criteria.* *WRRF represents an improvement in TWW quality.* *Nutrient loading from irrigation will meet limits on current licence* *Dedicated irrigation area.* *Monitoring and reporting.*

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	1.6 km north 2.3 km west
Privately owned farmland	Immediately adjacent to the north and south
Evendon Park – Short term accommodation and recreational use	1.5 km west
Environmental receptors	**Distance from prescribed activity**
Wellington National Park (Nature Reserve)	Immediately adjacent to the east
Minor Tributary of the Collie River	2.3 km north
Henty	2.3 km west
Collie River	2.8 km north and 2.5 km east
Unamed Lake (associated with Evendon Park)	1.5 km west
Groundwater	Depth to groundwater has not been identified at the Premises. Soil sampling indicated that there is approximately 3 m of heavy clay to regolith with no water found to this depth.

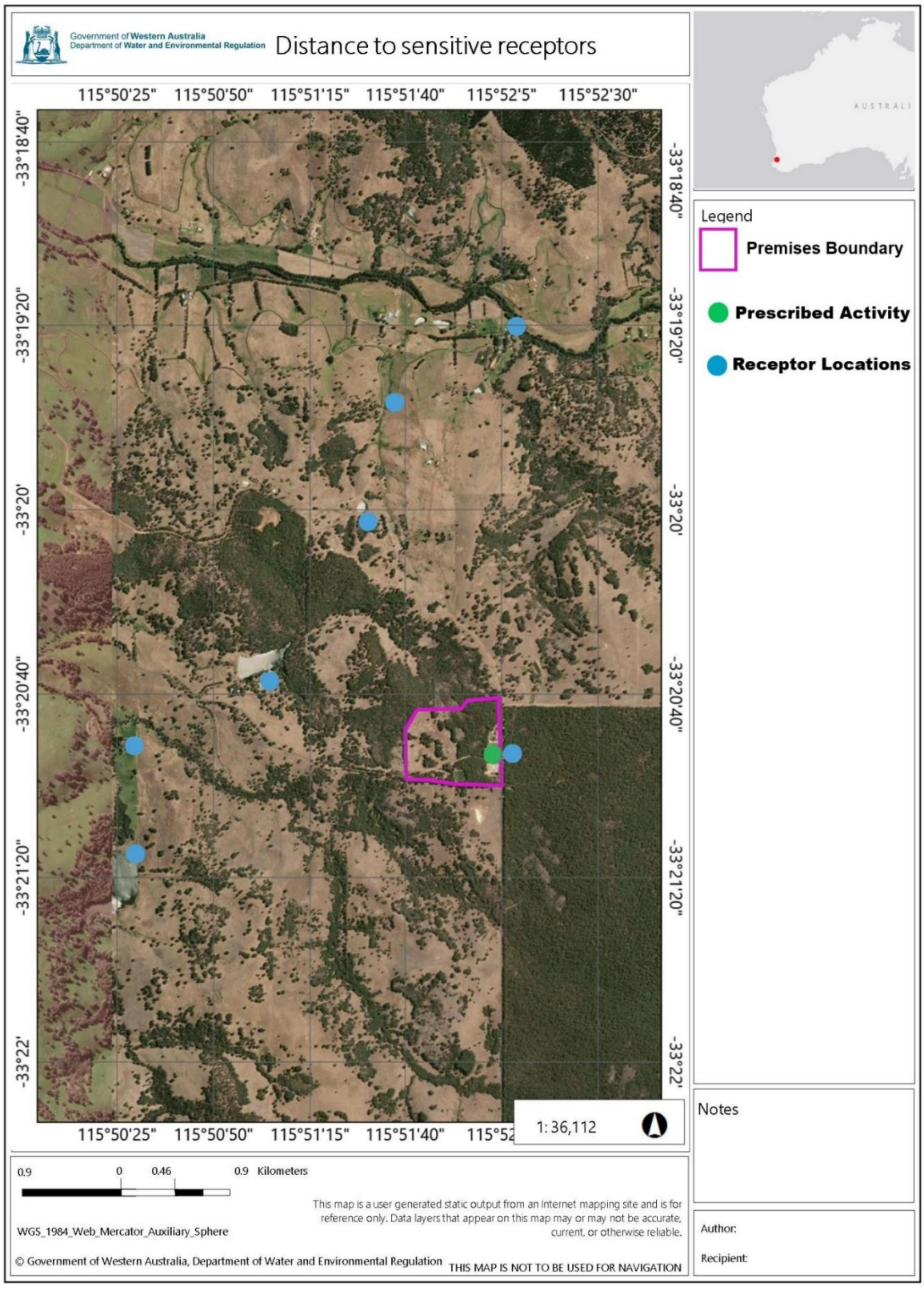

Figure 1: Distance to sensitive receptors

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 L6610/1993/11 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. Operation of WWRF and irrigation of TWW.

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 during commissioning and operation

Risk Event					Risk rating[1] C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions[2] of works approval	Justification for additional regulatory controls/ DWER comments
Source/Activities	**Potential emission**	**Potential pathways and impact**	**Receptors**	**Licence Holder's controls**				
Commissioning and Operation								
Operation of WRRF *Including vehicle movement*	*Dust*	*Air / windborne pathway causing impacts to health and amenity*	*Residential premises 1.6 km north of the prescribed activity* *Evendon Park Accommodation 1.5 km west of the prescribed activity*	*Refer to Section 3.1*	*C = Slight* *L = Unlikely* ***Low Risk***	Y	*N/A*	*The Delegated Officer has considered the separation distance between the source and receptors as a guide to inform the risk of dust emissions as not foreseeable.* *Dust can be adequately regulated by section 49 of the EP Act.*
	Noise			*Refer to Section 3.1*	*C = Slight* *L = Unlikely* ***Low Risk***	Y	*N/A*	*The Delegated Officer has considered the separation distance between the source and receptors as a guide to inform the risk of noise emissions as not foreseeable.* *Noise can be adequately regulated by the EP Noise Regulations.*
	Odour			*Refer to Section 3.1*	*C = Slight* *L = Unlikely* ***Low Risk***	Y	*N/A*	*The Delegated Officer has considered the separation distance between the source and receptors as a guide to inform the risk of odour emissions as not foreseeable.* *Odour is regulated under s49 of the EP Act*
	Spills. Leaks	*Seepage to soil, vegetation and groundwater*	*Unnamed lake 1.5 km west of the prescribed activity* *Groundwater*	*Refer to Section 3.1*	*C = Slight* *L = Unlikely* ***Low Risk***	Y	*Condition 3, Table 3, item **5e** and 5f* *Condition 10, Table 7,*	*The Delegated Officer has included standard conditions on the revised licence to manager spills.*

Risk Event					Risk rating[1] C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions[2] of works approval	Justification for additional regulatory controls/ DWER comments
Source/Activities	**Potential emission**	**Potential pathways and impact**	**Receptors**	**Licence Holder's controls**				
			>3 m deep				*item **1e** and 1f*	
	Irrigation to tree lot	*Seepage to soil, vegetation and groundwater*	*Unnamed lake 1.5 km west of the prescribed activity* *Groundwater >3 m deep*	*Refer to Section 3.1*	*C = Moderate* *L = Unlikely* ***Medium Risk***	Y	*Condition 2, 3,, 4, 11,12, 20*	*The Delegated Officer has confirmed that the additional discharge to the tree lot will be in accordance with the nutrient loading limits and requirements of the current licence. Additional commissioning monitoring has been included as well as for lanthanum which is proposed to be used in phosphorous removal if required*
	Sediment-laden stormwater	*Overland runoff potentially causing ecosystem disturbance or impacting surface water quality*	*Unnamed lake 1.5 km west of the prescribed activity* *Groundwater >3 m deep*	*Refer to Section 3.1*	*C = Slight* *L = Unlikely* ***Low Risk***	Y	*Condition 3, Table 3, 5d* *Condition 10, Table 7, 1d*	*The applicants proposed stormwater management controls have been incorporated into the revised licence and are considered adequate by the Delegated Officer to regulate sediment-laden stormwater.*

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
Local Government Authority advised of proposal (16 February 2026)	*N/A*	*N/A*
Department of Health (DOH) advised of proposal (16 February 2026)	*DOH replied on 26 February 2026 advising that the current recycled water approval must be updated to reflect the revised WRRF details, and that the applicant will need to submit an updated Recycled Water Quality Management Plan (RWQMP) to obtain revised approval. DOH noted that any changes to the wastewater treatment train will require six weeks of validation sampling before irrigation can recommence. As there are no proposed changes to the irrigation area, the recycled water risk level will remain classified as extra-low risk. DOH also advised that they will contact the recycled water manager to obtain the necessary RWQMP documentation.*	*Noted. – Applicant to note*
Licence Holder was provided with the draft amendment on 24 March 2026.	*N/A*	*N/A*

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 6 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: Summary of licence amendments

Condition no.	Proposed amendments
N/A	*Category 61 assessed design capacity amended to increase throughput from 10,000 kL per annual period to 15,000 kL per annual period.*
N/A	*Condition numbering and table numbering updated to reflect structural changes to*

	the licence.
Condition 1 - Table 1	*Table 1 combined waste acceptance amended to reflect 15,000 kL/annual period.*
Condition 2 - Table 2	*Table 2 amendments as follows:* *Title amended from "Infrastructure and equipment requirements" to "Waste processing".* *Item 1 amended to include tanks associated with processing requirements.* *Item 2 amended to include tanks associated with process requirements and to specify that leachate can also be directed to the equalization tank to be reprocessed via the primary and secondary treatment.*
Condition 3 - Table 3	*Infrastructure and equipment requirements.*
Condition 4 - Table 4	*Table 4 amended to include additional tanks that are considered containment infrastructure.*
Condition 8 - Table 5	*Table 5 amended to rename aerobic pond 3 to pond 8.*
Condition 9 - Table 6	*Table 6 amended to increase volume of treated wastewater discharged to the irrigation area from 2,558 kL per annual period to 13,500 kL per annual period.*
Condition 10 - Table 7	*Environmental commissioning requirements included.*
Condition 11 - Table 8	*Emissions monitoring requirements specified for environmental commissioning.*
Condition 12	*Monitoring requirements specified for environmental commissioning.*
Condition 13	*Environmental commissioning reporting.*
Condition 14	*Environmental commissioning reporting requirements.*
Condition 15	*Amended to include commissioning monitoring requirements.*
Condition 19 - Table 9	*Table 9 amended to rename aerobic pond 3 to pond 8.*
Condition 21 - Table 11	*Table 11 amended to rename containment dam to Pond 9.*
Definitions	*Definitions amended to include discharge, emission, environmental commissioning, Environmental Commissioning Report, Prescribed premises, waste, and WRRF.*
Schedule 1: Maps	*Schedule 1 amended to include Figure 2 (Wastewater treatment system plant location) and Figure 3: (WRRF process flow diagram).*

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