Amendment Report

Application for Licence Amendment

Part V Division 3 of the Environmental Protection Act 1986

Licence Number L8857/2014/1

Licence Holder Shire of Cranbrook

File Number DER2014/002435-1

Premises Frankland Waste Management Facility

Crown Reserve 34536

Racecourse Road

FRANKLAND RIVER WA 6396

Lot 72 on Plan 182116 as depicted in Schedule 1

Date of Report 6 November 2023

Decision Revised licence granted

Abbie Crawford A/Manager, Waste Industries

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

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1. Decision summary

Licence L8857/2014/1 is held by Shire of Cranbrook (Licence Holder) for the Frankland River waste management facility (the Premises), located at Lot 72 Racecourse Road, Frankland River.

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 construction and operation of the Premises. As a result of this assessment, Revised Licence L8857/2014/1 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 Summary of Licence

This Licence is for the operation of a Waste Transfer Station, established under works approval W5514/2013/1, and includes the receipt and management of solid wastes at the Frankland River Waste Management Facility WMF.

The Frankland River WMF is operated by the Shire of Cranbrook and is located in a rural setting approximately 1.1km south of the Frankland town site. The existing landfill site is registered, under Registration R1500, as a Category 89 putrescible landfill site. The nearest residential dwelling is approximately 650 m north of the site. The closest waterway is Long Gully creek approximately 300 m to the north.

The existing site infrastructure includes a waste transfer station, an active landfill trench, closed landfill trenches, internal gravel access roads, perimeter fencing, bulk waste metal recycling and green waste storage areas, a Drum Muster collection facility and a used oil collection facility.

The Waste Transfer Station is staffed during operating hours of four half days per week. An estimated 400 m³ per annual period of putrescible waste is expected to be placed in the adjacent landfill cell. General waste collected in the Waste Transfer Station bulk bin will be delivered to the adjacent landfill every two weeks, or more frequently, as required.

2.3 Application summary

The State Government is delivering a statewide ban on e-waste disposal to landfill by 2024. The Department of Water and Environmental Regulation will administer \$10 million in grant funding over the next two years through a series of competitive grant rounds. The grants will support the ban by funding increased e-waste collection, storage and/or reuse including e-waste processing/recycling.

The Shire of Cranbrook applied for Round 1 E-Waste Infrastructure Grants on 29 March 2023, under Stream 1- Waste Collection and Storage and/or Reuse. On 4 July 2023, the Department notified the Shire of Cranbrook that the grant application had been successful for grant to build new e-waste storage shed for Frankland River waste management facility (L8857/2014/1) and

Cranbrook waste facility (L8856/2014/1).

On 1 of August 2023, the Licence Holder submitted an application to the department to amend Licence L8857/2014/1 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments are being sought:

• Construction of a new E-waste shed and allow to accept e-waste into the shed.

This amendment is limited only to changes to Category 62 activities from the Existing Licence.

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

Table 1: Proposed design or throughput capacity changes

Category	Current production/design capacity	Proposed production/design capacity	Description of proposed amendment
62	2,000 tonnes per annual period	N/A	Amendment for the construction of a new E-waste shed and allow the acceptance of e-waste into the shed.

2.4 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 2.

Table 2: Licence consolidated in this amendment

Instrument	Issued	Summary of approval
L8857/2014/1	08/01/2015	Licence granted
L8857/2014/1	16/05/2022	Notice of Amendment to remove the annual environmental reporting requirement from licence
L8857/2014/1	06/11/2023	Amendment for the construction of a new E-waste shed and allow to accept e-waste into the shed

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 1 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 remained 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 3 below. Table 3 also details the proposed control measures the Licence Holder has proposed to assist in controlling these emissions, where necessary.

Table 3: Licence Holder controls

Emission	Sources	Potential pathways	Proposed controls
Dust	Construction of e- waste storage shed.		
Noise	Receipt, handling, and storage of e-waste	Air/windbo rne pathway	No additional controls were proposed. The existing Licence includes various controls for the management of dust and noise.
	Vehicle movements		
Spills of hazardous waste		Direct discharge to the land	E-waste acceptance is limit to 3.5 tonnes per annual period.
Contaminat ed		Overland	Construction of a concrete hardstand area minimum 4000mm width x 4500 mm Length x 100 mm thick.
stormwater	Receipt, handling, and storage of e-	runoff	E-waste must be stored inside the metal shed.
Firewater	waste		
Fire		Air/windbo rne pathway	E-waste shed consists of a double mesh front lockable door to prevent unauthorized access.
			E-waste will be stored in cages in the shed and the cages will be collected and replaced with new cages on a regular basis.

3.1.3 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 4 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 4: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
Residential premises	Approximately 650 m north of the premises and 780 m from the proposed e-waste shed
Environmental receptors	Distance from prescribed activity
Threatened and priority flora	Object ID 4551 and 4550 approximately 550 m and 900 m north from the proposed E-waste shed respectively.
Surface waterbodies and surface water lines	Surface water line (Long Gully creek) approximately 300 m north of the premises boundary
	Frankland river approximately 3 km west of the premises boundary

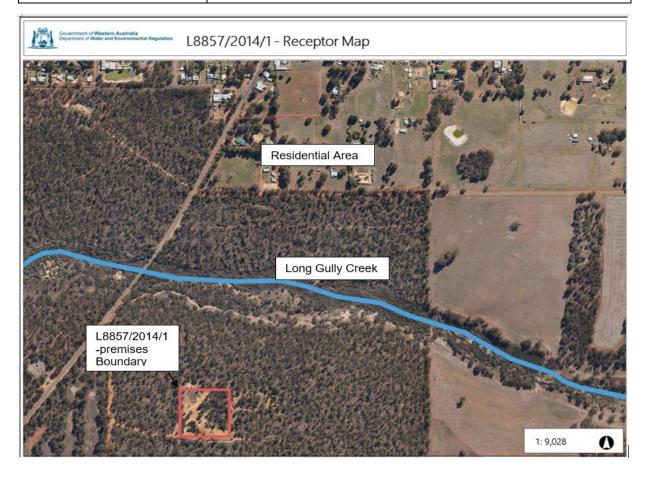


Figure 1: Distance to sensitive receptors

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 5.

The Revised Licence L8857/2014/1 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 5. Risk assessment of potential emissions and discharges from the Premises during construction and operation

Risk Event	Risk Event							
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls	C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls
Construction								
Construction of new e-waste	Dust	Air/windborne	Residences 650 m north of the premises Long Gully creek ~ 300 m north of the premises Threatened and priority flora~ 420 m north	Refer to Section 3.1.1	C = Slight L = Rare Low Risk	Y	Condition 15 and 20	The Delegated Officer considers dust and noise emissions associated with the
Vehicle movement	Noise	causing impacts to health and amenity		Refer to Section 3.1.1	C = Slight L = Rare Low Risk	Y	Condition 20	acceptance and storage of e-waste can be adequately regulated by the general provisions of the EP Act.
Operation	l	1					I	
Receipt, handling, and storage of e-	Dust	Air/windborne	Residences 650 m north of the premises	Refer to Section 3.1.1	C = Slight L = Rare Low Risk	Y	Condition 5, 7 and 15	The Delegated Officer considers dust and noise emissions associated with the
and storage of e- waste Vehicle movement	Noise	causing impacts to health and amenity	Long Gully creek ~ 300 m north of the premises Threatened and priority flora~ 420 m north	Refer to Section 3.1.1	C = Slight L = Rare Low Risk	Y	Condition 5 and 7	acceptance and storage of e-waste can be adequately regulated by the general provisions of the EP Act.

Risk Event	Risk Event					Licence		
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls	C = consequence L = likelihood	Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls
	Spills of hazardous waste	Direct discharge to the land causing impacts on human health, soil and ground water quality		Refer to Section 3.1.1	C = Minor L = Unlikely Medium Risk	Y	Condition 1, 2, 3 and 4 Condition 5,6, 7 and 11	Taking into account the license holders proposed infrastructure and management controls, Conditions 1, 2, 3 and 4 are added to the license. Those conditions are
	Fire	Air/windborne pathway causing impacts to health and amenity	Residences 650 m north of the premises Long Gully creek ~ 300 m north of the premises	Refer to Section 3.1.1	C = Moderate L = Unlikely Medium Risk	Y	Condition 1, 2, 3 and 4 Condition 5, 6, 7, 8 and 9	Existing conditions 5 and 7 of the licence have been amended to allow for the activity to occur, and to set processing limits/requirements in line with the licence holder's commitments to reducing potential emissions
	Contaminated stormwater	Direct discharge to the land causing impacts on	Threatened and priority flora~ 420 m north	Refer to Section 3.1.1	C = Minor L = Unlikely Medium Risk	Y	Condition 1, 2, 3 and 4 Condition 5, 7 and 12	
	Firewater	human health, soil and ground water quality		Refer to Section 3.1.1	C = Minor L = Unlikely Medium Risk	Y	Condition 1, 2, 3 and 4 Condition 5, 7 and 11	

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

Table 6: Consultation

Consultation method	Comments received	Department response
Licence Holder was provided with draft amendment on 26/09/2023	None received	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 7 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 7: Summary of licence amendments

Existing condition	Condition summary	Revised licence condition	Conversion notes
Cover page	-		Updated DWER file number
			Updated premises details
			Updated Prescribed Premises Category table current licensing format
Content and Introduction	-	N/A	Deleted from the Licence and revised to current licensing format.
Instrument	-	Licence	Revised to current licensing format.
log	History		Consolidated the notice of amendment issued 16/05/2022 to remove the annual environmental reporting requirement from the licence
1.1.1	Interpretation	Interpretation section	Redundant condition. Revised to current licensing format.
1.1.2	Definitions 1	Definitions	Definitions moved to definitions Table 7.
	section		New definitions added for 'EP Act', 'EP Regulations', 'e-waste', 'prescribed premises' and 'waste'.
			Definitions updated for 'annual period', 'licence' and 'premises',
			Definition deleted for 'fugitive emission, 'dangerous goods' and 'environmentally hazardous material':

Existing condition	Condition summary	Revised licence condition	Conversion notes
1.1.3	Australian or other standard	Interpretation section	Redundant condition. Deleted from the licence
1.1.4	Reference to code of practice	Interpretation section	Redundant condition. Deleted from the licence
1.2.1	General conditions	N/A	Redundant condition. Deleted from the licence
N/A	Construction and Installation	Condition 1 Table 1	New standard works condition added to ensure the proposed infrastructure is built in accordance with the requirements listed in Table 1.
N/A	Environmental Compliance Report	Condition 2	New standard works condition to ensure DWER is notified once proposed works have been completed
N/A	Environmental Compliance Report minimum requirements	Condition 3	New standard works condition to ensure all construction and installation works are appropriately checked and signed off by a suitably qualified person once completed.
1.2.2	Pollution control and equipment maintenance	Condition 10	Revised to current licensing format.
1.2.3	Handling of dangerous goods	N/A	Redundant condition. Adequately regulated by the Dangerous Goods Safety Act 2004. Deleted from licence.
1.2.4	Recovery and removal of spills	Condition 11	Revised to current licensing format.
1.2.5	Prevention of contamination and containment of contaminated stormwater	Condition 12	Redundant condition Updated to current licensing format.
N/A	Infrastructure maintains and operation requirements	Condition 4 Table 2	New standard works condition added to the licence and proposed infrastructure has been included with associated construction and installation requirements.
1.3.1Table 1.3.1.	Waste acceptance	Condition 5 Table 3	Added e-waste acceptance specifications into table 3.
			New numbering and revised to current licensing format.
1.3.2	Incompatible waste handling	Condition 6	Revised to current licensing format.

Existing condition	Condition summary	Revised licence condition	Conversion notes
1.3.3 Table 1.3.2	Waste processing	Condition 7 Table 4	Added e-waste processing requirements into table 4. New numbering and revised to current licensing format.
1.3.4	General site security	Condition 8	New numbering and revised to current licensing format.
1.3.5	General site security	Condition 9	New numbering and revised to current licensing format.
1.3.6	Prevention of infestations	Condition 13	New numbering and revised to current licensing format.
1.3.7	Prevention of wind-blown waste	Condition 14	New numbering and revised to current licensing format.
2.1.1	Emission and discharge-general	N/A	Redundant condition. Deleted from the licence.
2.2 -2.4	Point source emissions to air, surface water and groundwater	N/A	Redundant condition. Deleted from the licence.
2.5	Emission to Land	N/A	Redundant condition. Deleted from the licence.
2.6.1	Fugitive emissions	Condition 15	Redundant condition Updated to current licensing format.
2.7.1	Prevention of Odour	Condition 16	New numbering and revised to current licensing format.
2.7.2	Prevention of Odour	Condition 17	New numbering and revised to current licensing format.
2.8	Prevention of Noise	N/A	Redundant condition. Deleted from the licence.
3.1	General monitoring	N/A	Redundant condition. Deleted from the licence.
3.2 - 3.4	Monitoring of point source emissions to air, surface water and groundwater	N/A	Redundant condition. Deleted from the licence.
3.5	Monitoring of emissions to land	N/A	Redundant condition. Deleted from the licence.

Existing condition	Condition summary	Revised licence condition	Conversion notes
3.6.1 Table 3.6.1	Monitoring of inputs and outputs	Condition 18 Table 5	Added e-waste to the Table 5. New numbering and revised to current licensing format.
3.7	Process monitoring	N/A	Redundant condition. Deleted from the licence.
3.8 -3.9	Ambient environmental quality monitoring and meteorological monitoring	N/A	Redundant condition. Deleted from the licence.
4	Improvements	N/A	Redundant condition. Deleted from the licence.
5.1.1	Record	Condition 23	Condition wording updated to current format
5.1.2	In charge of the Premises	N/A	Redundant condition. Deleted from the licence.
5.1.3	Annual Audit compliance	Condition 19	Condition wording updated to current format
5.1.4	Complaints	Condition 20	Condition wording updated to current format
5.2.1 Table 5.2.1	Annual Environmental report	N/A	Deleted from the licence in accordance with notice of amendment issued on 16/05/2022
5.3.1 Table 5.3.1	Notification	Condition 21 Table 6	New numbering and revised to current licensing format.
N/A	Record	Condition 22	New condition added to licence and revised to current licensing format.
Schedule 1: premises map	Premises map	Premises map	Added new premises map under Figure 1. Added proposed E-waste storage shed construction plan and approximate proposed location under Figure 3 and Figure 4 respectively.
Schedule 2 Reporting & notifications	Annual Audit Compliance Report Form N1 Notification	N/A	AACR form- Redundant attachment. Deleted from Licence Forms accessed at www.dwer.wa.gov.au

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.

Appendix 1: Application validation summary

SECTION 1: APPLICATION SUMMARY							
Application type							
Works approval							
Licence		Relevant works approval number:		None			
		Has the works approval been complied with?		Yes □ No □			
		Has time limited operations under the works approval demonstrated acceptable operations?		Yes □ No □ N/A □			
		Environmental Com Critical Containmen Report submitted?					
		Date Report received:					
Renewal		Current licence number:					
Amendment to works approval		Current works approval number:					
Amendment to licence	×	Current licence number:	L8857/2014/1	4/1			
		Relevant works approval number:		N/A			
Registration		Current works approval number:		None			
Date application received							
Applicant and Premises details							
Applicant name/s (full legal name/s)		02/08/2023					
Premises name		Frankland River Waste Facility					
Premises location		Crown Reserve 34536					
		Lot 72 on Plan 182116 Racecourse Road Frankland River					
Local Government Authority		Shire of Cranbrook					
Application documents							
HPCM file reference number:	DER2014/002435-1						
Key application documents (additional to		Premises map					
application form):	Proposed E-waste shed (drawing)						
Scope of application/assessment							
Summary of proposed activities or changes to existing operations.		This licence amendment is for the construction of a new E-waste shed on to the premises and E-waste will be added to the waste types accepted at the premises					

Category number/s (activities that cause the premises to become prescribed premises) Table 1: Prescribed premises categories Prescribed premises category production or design Proposed changes to the production and description capacity or design capacity (amendments only) Category 62: Solid waste depot -2,000 tonnes per annual N/A premises on which waste is stored period or sorted pending final disposal or reuse. Legislative context and other approvals Has the applicant referred, or do they Referral decision No: intend to refer, their proposal to the Managed under Part V □ Yes □ No ⊠ EPA under Part IV of the EP Act as a significant proposal? Assessed under Part IV □ Does the applicant hold any existing Ministerial statement No: Part IV Ministerial Statements relevant Yes □ No ⊠ **EPA Report No:** to the application? Has the proposal been referred and/or Reference No: N/A Yes □ No ⊠ assessed under the EPBC Act? Certificate of title □ General lease □ Expiry: Has the applicant demonstrated Yes □ No ⊠ occupancy (proof of occupier status)? Mining lease / tenement □ Expiry: Other evidence Expiry: Public Authority of the specified land. Has the applicant obtained all relevant Approval: N/A planning approvals? Yes □ No □ Expiry date: N/A N/A ⊠ If N/A explain why? No planning approval required. Has the applicant applied for, or have CPS No: N/A an existing EP Act clearing permit in Yes □ No ⊠ No clearing is proposed. relation to this proposal? Has the applicant applied for, or have Application reference No: N/A an existing CAWS Act clearing licence Licence/permit No: N/A Yes □ No ⊠ in relation to this proposal? No clearing is proposed.

Yes □

No ⊠

Licence: L8857/2014/1

Application reference No:

Licence / permit not required.

Licence/permit No:

Has the applicant applied for, or have

an existing RIWI Act licence or permit in

relation to this proposal?

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 Type: Has Regulatory Services (Water) been consulted? Yes □ No □ N/A ☒ Regional office: N/A
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes □ No ⊠	Name: N/A Priority: N/A Are the proposed activities/ landuse compatible with the PDWSA (refer to WQPN 25)? Yes □ No □ N/A ☒
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 □	Environmental Protection (Rural Landfill) Regulations 2002 Dangerous Goods Safety Act 2004 Environmental Protection (Controlled Waste) Regulations 2004
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes □ No ⊠	N/A
Is the Premises subject to any EPP requirements?	Yes □ No ⊠	N/A
Is the Premises a known or suspected contaminated site under the Contaminated Sites Act 2003?	Yes ⊠ No □	Classification: possibly contaminated – investigation required (PC–IR) Date of classification: 06 of October 2013