



## Application for Licence Amendment

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

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<b>Licence Number</b>	L8904/2015/1
<b>Licence Holder</b>	Cleanaway Solid Waste Pty Ltd
<b>ACN</b>	120 175 635
<b>File Number</b>	DER2015/001648
<b>Premises</b>	<p>Banksia Road Putrescible Landfill</p> <p>Banksia Road</p> <p>CROOKED BROOK WA 6236</p> <p>Legal description –</p> <p>Lot 2 on Deposited Plan 65861</p> <p>As defined by the coordinates in Schedule 2 of the Revised Licence</p>
<b>Date of Report</b>	22/02/2024
<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 L8904/2015/1 is held by Cleanaway Solid Waste Pty Ltd (Licence Holder) for the Banksia Road Putrescible Landfill (the Premises), located at Lot 2, Banksia Road, Crooked Brook.

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 L8904/2015/1 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>.

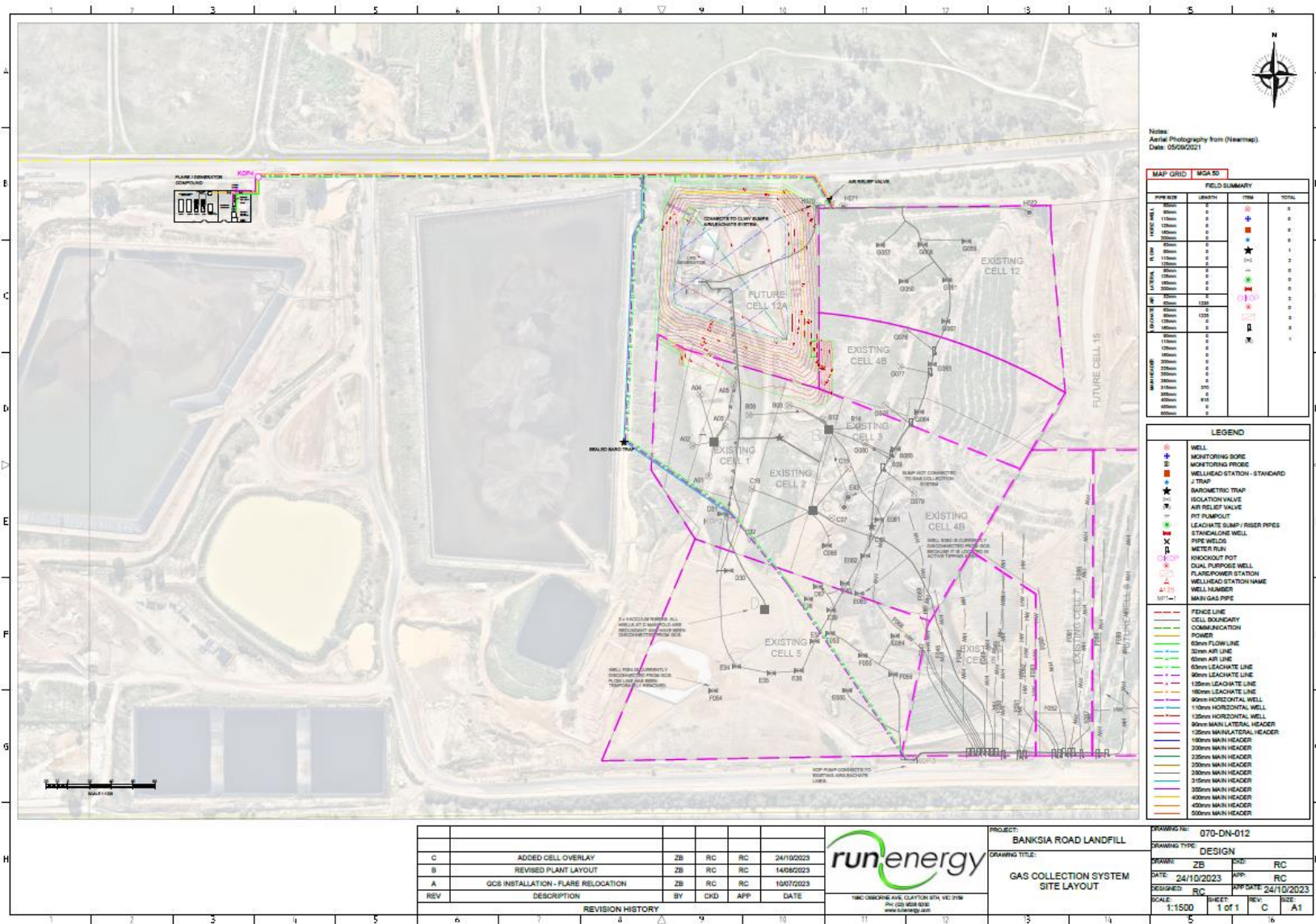
### 2.2 Application summary

On 23 October 2023, the Licence Holder submitted an application to the department to amend Licence L8904/2015/1 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The amendment seeks to relocate the landfill gas flare infrastructure from its current location to the west of the Titanium Dioxide Slurry (TDS) Cell 1 Leachate Pond, as outlined in Figure 1 below.

The relocation of the landfill gas flare is directly related to works approval application W6855/2023/1 submitted by the Licence Holder for the construction of additional landfill cells 12A, 9 and 10 at the premises, since the existing landfill gas flare infrastructure is located in the proposed footprint of future cell 12A. The relocation of the flare will be required prior to construction works for cell 12A commencing, should the construction of this cell be approved under works approval W6855/2023/1. The construction of the additional landfill cells will not be assessed under this amendment as these proposed works are subject to assessment under works approval W6855/2023/1.

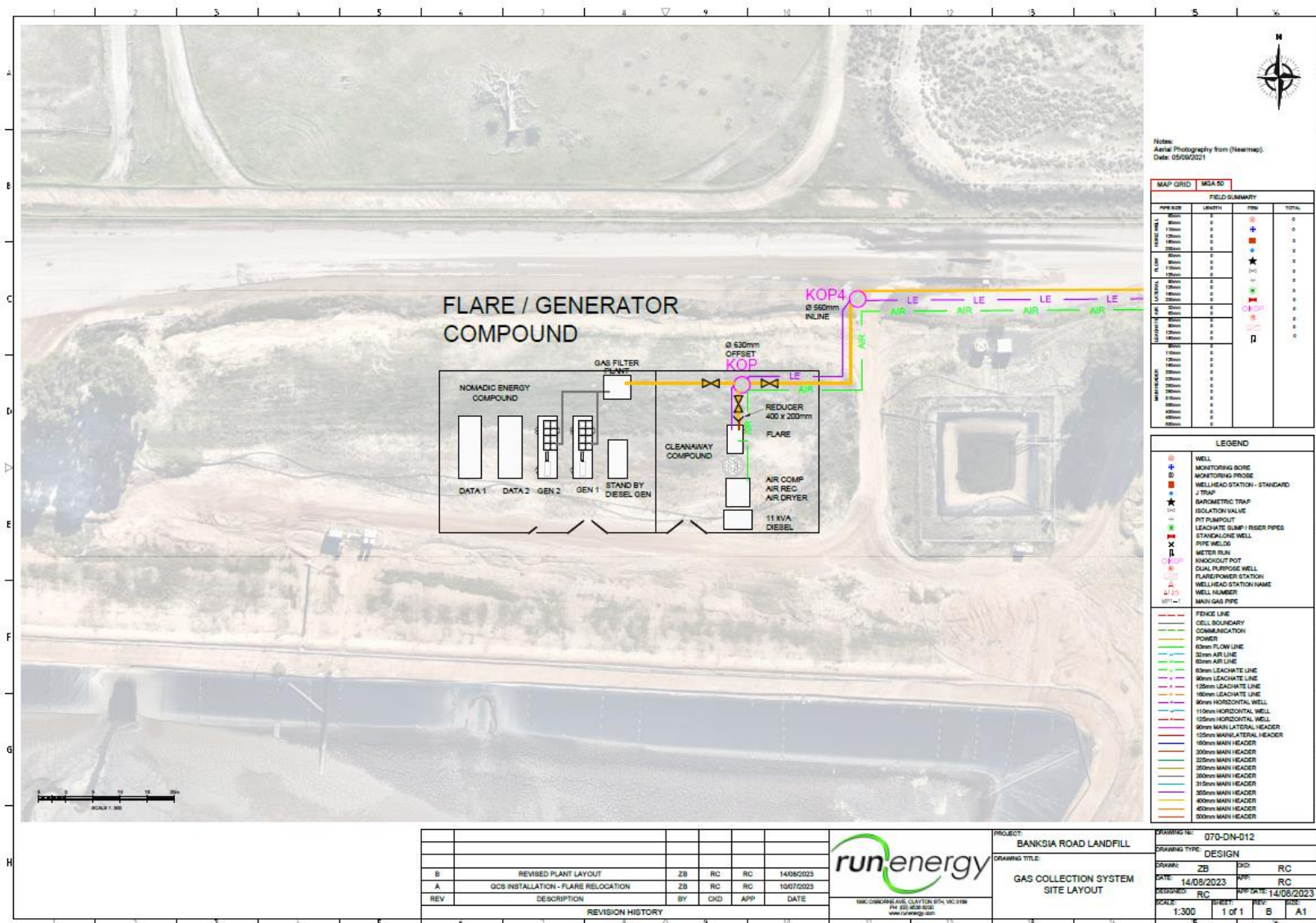
To facility the relocation of the flare, the Licence Holder will also be required to construct additional pipework across the northern boundary of the premises to transfer landfill gas from the existing landfill gas collection infrastructure to the new flare location. The Delegated Officer has determined that the minor construction works limited to excavation and the placement of pipework to facilitate the flare's relocation may be assessment under this amendment application.

No changes to the aspects of the existing Licence relating to Category 5, 61 and 64 have been requested by the Licence Holder.



**Figure 1: As built landfill gas collection system plans with location of flare station and landfill gas conveyance infrastructure**





**Figure 2: Overview of landfill gas flare station components**

## 2.3 Background

In 2013, a landfill gas extraction system was installed at the Premises under works approval W5301/2012/1. The Licence Holder was required to notify DWER of the scope and timeframes of any proposed expansion of the landfill gas collection and management system at least 6 months prior to any expansion occurring under conditions in the works approval.

The Licence Holder submitted a proposal to DWER on 21 December 2020 to expand the landfill gas management infrastructure by extending the landfill gas well extraction network through landfill cells 3, 4, 4B, 12, through the eastern and southern section of cell 5, and by installing horizontal wells in cells 6 and 7. The proposal was reviewed by DWER to determine that it met the requirements of the licence and the original landfill gas infrastructure as initially assessed in works approval W5301/2012/1. The Delegated Officer wrote to the Licence Holder on 18 June 2021 confirming that the proposal met licence condition requirements and that the design and construction of the landfill gas, condensation and utilisation (flaring and engine) infrastructure was consistent with the assessment undertaken under works approval W5301/2012/1.

## 2.4 Overview of proposed activities

Whilst the installation and operation of the landfill gas flare infrastructure has already been assessed and approved under works approval W5301/2012/1 and authorised within conditions on the existing Licence, the Licence Holder has provided additional supporting information surrounding the flare infrastructure to assist DWER in informing this amendment assessment regarding the flare's relocation.

The current landfill gas recovery system consists of the following major components and is outlined above in Figure 2:

- Permanent vertical extraction wells
- Permanent horizontal extraction wells
- Leachate sumps (for gas extraction) Main and Lateral LFG headers
- Condensate system
- Enclosed LFG Flare

It is the intent of the Licence Holder to expand the current network to recover landfill gas from other waste disposal area within the premises as these areas are developed.

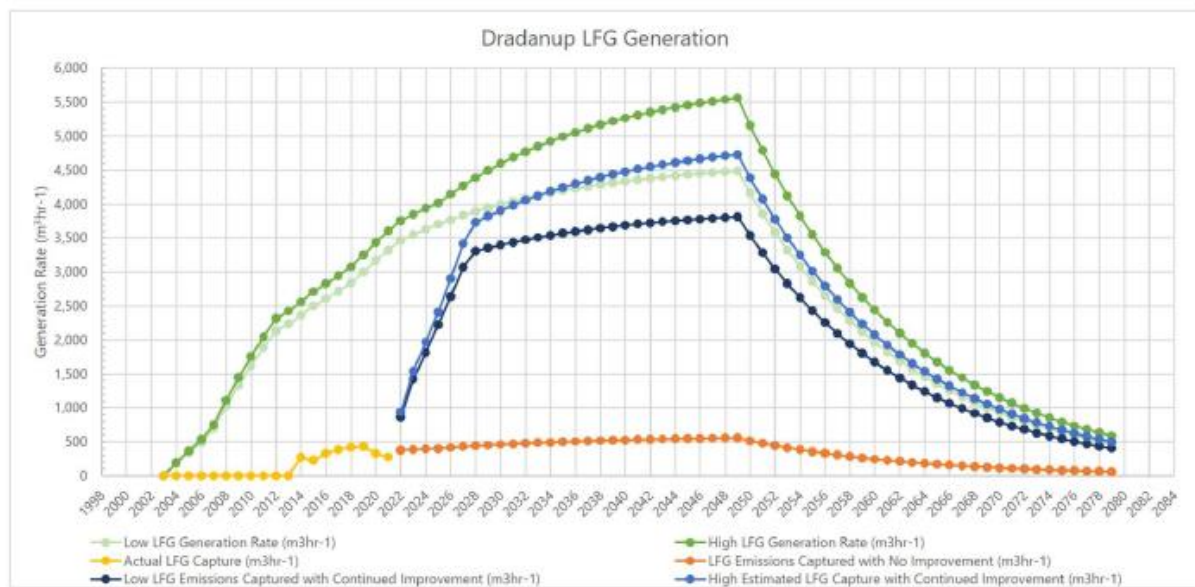
With the exception of cells 1 and 2, each landfill cell at the premises incorporates a synthetic lined basal system. On completion of filling, each cell will be capped using a synthetic lined system, which will act to entomb the waste mass and significantly restrict the vertical and horizontal movement of accumulated landfill gas within the waste mass. A combination of vertical and horizontal gas wells is / will be installed in capped landfill cells which extract landfill gas, reducing pressure build up within the waste mass and reducing lateral landfill gas migration through the waste mass.

The landfill gas extraction wells are connected by lateral flow lines to manifolds, which include control valves and monitoring ports for each well. A blower is installed to draw the gas out of the landfill and into the extraction wells via a vacuum. A header system acts to convey extracted gas to a central point. A portion of the southern and northern headers has been installed at the premises in late 2021/2022, with the rest of the header system to be installed as waste placement progresses across the premises. The laterals and header system are to be constructed where practicable above ground so as to allow for adjustments in their position as landfill cells at the premises are progressively capped. It is the lateral and header system that will also now be extended to facilitate the transportation of extracted landfill gas to the relocated flare infrastructure.

The purpose of the flare station is to ensure that extracted landfill gas is safely combusted. The flare station will be reinstalled on a reinforced concrete slab and will be contained in a secure compound. Equipment within the flare station consists of:

- an extraction blower;
- a flame arrestor;
- one vertical enclosed flare;
- one condensate knock out pot;
- one thermal dispersion flow meter;
- various monitoring devices;
- control valves; and
- control panels and an alarm system.

In 2021, the Licence Holder engaged a consultant to undertake landfill gas generation rate modelling, with the intent that this modelling inform the creation of collection curves and estimates for extraction efficiency and gas capture. The results of this modelling is outlined in Figure 3 below. Typically, the flare capacity should match the expected or forecasted gas capture estimates and as such, the current capacity of the flare is 2,000 m<sup>3</sup>/hr with turn a turn down ration (ratio between the minimum and maximum flow values) of 10:1.



**Figure 3: Modelling outcome - Landfill gas generation and capture curve**

## 2.5 Part IV of the EP Act

On 1 April 2021, the Licence Holder referred a proposal to the EPA under Part IV of the EP Act for consideration. The proposal was for the continuation of existing landfill activities and the establishment of additional landfill cells, being cells 12A, 9 and 10, within the existing premises boundary. The Proposal was limited in extent to the existing Premises boundary with no proposed increase to the existing approved throughput or removal of any remnant native vegetation. A public consultation period was undertaken between 12 and 18 July 2021 with 17 submissions received. On 5 August 2021, EPA made a determination to assess the proposal stating that the proposal has the potential to impact on:

- Inland Waters from stormwater runoff and leachate seepage into groundwater;
- Social Surroundings from interference with amenity values;

- Generation of Greenhouse Gas emissions from flaring; and
- Air Quality from dust and odour.

DWER understands that at the time of writing this amendment, the EPA is in the final process of issuing a Ministerial Statement for the construction of cells 12A, 9 and 10.

## 2.6 Planning approvals

The Licence Holder initially submitted a development approval application to the Shire of Dardanup for assessment. The Shire of Dardanup refused the application for the development approval on 22 November 2023 on the following grounds:

- That the flare is being moved closer to residences;
- That the shed will become visible without suitable screening;
- That no ability to revegetate the site has been demonstrated; and
- That the overall visual amenity is not considered appropriate.

The Licence Holder sought development approval for the construction of the new landfill cells conditioned under works approval W6855/2023/1 through referral to a Joint Development Assessment Panel (JDAP) through the Department of Planning, Lands and Heritage (DPLH). As the construction of the new landfill cells is contingent on the relocation of the landfill gas flare, the Licence Holder sought to also have the relocation of the landfill gas flare considered by the JDAP under the same development approval assessment as the landfill cell construction.

The JDAP granted the applicant development approval through a hearing outcome on 9 February 2024. The approval is subject to the following conditions:

- Internal circulation of all vehicles must not encroach on the 20m landscaped boundary interface of the property;
- Prior to filling commencing, a 'Noise Management Plan' that has been prepared by a suitably qualified acoustic consultant must be submitted to and approved by the Shire of Dardanup that includes the following:
  - demonstrates that noise from the approved use will comply with the Environmental Protection (Noise) Regulations 1997; and
  - details the noise mitigation measures that will be implemented to make the noise comply with the Environmental Protection (Noise) Regulations 1997.

Once approved the Noise Management will form part of the development approval and must be complied with at all times for the life of this approval;

- An annual "Progress Report" must be submitted detailing progress of the landfill excavation pit over the previous 12-month period. The report should provide details of the following:
  - Extent of extraction undertaken (volume and area);
  - Extent of filling of the cells (volume and area);
  - Completion of stages;
  - Rehabilitation of completed stages;
  - Outcomes of monitoring of planted vegetation buffers; and
- Prior to works commencing an updated Bushfire Management Plan must be submitted and approved by the Shire of Dardanup.



### 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	Earthworks and placement of landfill gas management infrastructure (pipework and flare)	Air/windborne pathway	Licence Holder will comply with dust management conditions outlined in the existing Licence.
Noise		Air/windborne pathway	Licence Holder will comply with noise management conditions outlined in the existing Licence.
Fugitive landfill gas	Flaring of captured landfill gas	Air/windborne pathway	Landfill gas collection system and landfill cells engineered to ensure landfill gas is recovered and mitigate lateral migration through the waste mass.
Emissions generated through the flaring of landfill gas	Landfill gas generated through the decomposition of waste within the landfill	Lateral migration of landfill gas through the soil profile	Monitoring of landfill gas undertaken in accordance with conditions in the existing Licence.
	Leaks from extraction wells or conveyance pipework	Passive venting to air	Licence Holder must comply with specified actions when landfill gas collection trigger levels are exceeded, as outlined within conditions on the existing Licence.  Extraction wells and collection infrastructure (pipelines, laterals and headers) must be constructed using HDPE, be sealed, impervious and free of leaks and defects, in accordance with conditions in the existing Licence.

##### 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	<ul style="list-style-type: none"> <li>• 0.54 km south of the southwest corner of the Premises, separated by the Dardanup Conservation Park.</li> <li>• 0.92 km due west of the Premises.</li> <li>• 1 km west southwest of the southwest corner of the Premises</li> <li>• 1.2 km southwest of the southwest corner of the Premises</li> <li>• 1.5 km due south of the Premises, separated by the Dardanup Conservation Park and Boyanup State Forest</li> <li>• 1.5 km northwest of the northwest corner of the Premises.</li> <li>• 1.5 km northeast of the northeast corner of the Premises separated by the Dardanup Conservation Park and Boyanup State Forest.</li> <li>• 1.75 km east northeast from the eastern boundary of the Premises separated by the Dardanup Conservation Park and Boyanup State Forest.</li> </ul>
Environmental receptors	Distance from prescribed activity
Dardanup Conservation Park	Adjacent to southern and eastern boundaries of the Premises
Boyanup State Forest	Approximately 0.7km south of the Premises and 1km east
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 15 metres of the Premises eastern boundary.
Priority Ecological Community/Threatened Ecological Community (TEC) – Banksia Dominated Woodlands of the Swan Coastal Plain	An occurrence of this PEC/TEC is mapped adjacent to the southern boundary of the Premises and also to the west of the Premises on the opposite site of Banksia Road.
Geomorphic wetland: Multiple use Palusplain and Dampland (flat, seasonally waterlogged)	Approximately 400 metres southwest through to the northwest of the Premises boundary.
Crooked Brook (significant stream)	Located approximately 1100m south/ southwest of the Premises boundary flowing in a generally east/west direction. Flows into Preston River which is located approximately 5km downstream.
Preston River	Approx. 5km west of the Premises. Groundwater from the superficial aquifer discharges into the Preston

	River.
Groundwater	It is understood that the superficial aquifer is present within the Yoganup geological formation between 20m to 30m below ground level. It is also possible that further isolated perched aquifers occur under the Premises 15 – 20m below ground level. The permanent, confined Leederville aquifer has been encountered at the site between 35 mbgl and 40 mbgl Groundwater flows in a northwest direction.
Beneficial users of groundwater	Approximately 41 bores are located within 3km of the Premises. Water abstracted from these bores are used for such purposes as: <ul style="list-style-type: none"> <li>• Stock watering</li> <li>• Dairy purposes</li> <li>• Irrigation of pasture</li> <li>• Domestic use</li> </ul>
Dardanup Water Reserve	The Priority 1 groundwater protection zone for Dardanup Water Reserve is located approximately 2.5 km northwest of the premises.
Priority Flora	<ul style="list-style-type: none"> <li>• Priority 3 flora species – adjacent to the south east corner of the Premises and approximately 180m south of the Premises</li> <li>• Priority 4 flora species - approximately 160m east of the Premises</li> </ul>
Fauna - Baudin's black cockatoo ( <i>Calyptorhynchus baudinii</i> ), Carnaby's black-cockatoo ( <i>Calyptorhynchus latirostris</i> ) and the forest red-tailed black-cockatoo ( <i>Calyptorhynchus banksii naso</i> )	The remaining vegetation on the eastern side of the Premises contains areas of potential black cockatoo breeding habitat as well as foraging and roosting habitat.



**Figure 4: Distance to closest residential 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 3.

The Revised Licence L8904/2015/1 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. the flaring of landfill gas.

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				
Construction								
Earthworks and placement of landfill gas management infrastructure (pipework and flare).	Dust	Air/windborne pathway causing impacts to health and amenity	Closest residential receptors 500m south and 900m west.	Refer to Section 3.1	C = Minor L = Unlikely <b>Medium Risk</b>	Y	Conditions 23 and 24 General provisions of the EP Act also apply.	N/A
	Noise			Refer to Section 3.1	C = Minor L = Unlikely <b>Medium Risk</b>	Y	Condition 31 Must comply with the <i>Environmental Protection (Noise) Regulations 1997</i>	N/A
Operation								
Flaring of captured landfill gas  Landfill gas generated through the decomposition of waste within the landfill  Leaks from extraction wells or conveyance pipework	Fugitive landfill gas (typically composed of methane, carbon dioxide, nitrogen, oxygen and hydrogen and many trace gases such as hydrogen sulphide, carbon monoxide, halogenated organics and aromatic hydrocarbons)  Emissions from the flaring of captured landfill gas	Air/windborne pathway causing impacts to health and amenity  Lateral migration of landfill gas through the soil profile  Passive venting to air	Priority Ecological Community within 15m  Threatened Ecological Community adjacent to southern boundary  Closest residential receptors 500m south and 900m west.  Township of Dardanup located 3.8 kilometres northwest	Refer to Section 3.1	C =Minor L = Unlikely <b>Medium Risk</b>	Y	Conditions 14, 15, 53, 54, 61, 65, 68, 72, 73 ,74 and 75	N/A

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.

Licence: L8904/2015/1

## 4. Consultation

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

**Table 4: Consultation**

Consultation method	Comments received	Department response
Application advertised on the department's website (23 November 2023)	None received.	N/A
Shire of Dardanup advised of proposal (24 November 2023)	<p>The Shire of Dardanup refused an application for development approval for this proposal on 22 November 2023.</p> <p>The Shire strongly objects to the amendment as no development approval has been granted and the matter is currently with the State Administrative Tribunal for review of the council's decision.</p>	<p>The Delegated Officer notes that development approval for the construction of new landfill cells and the relocation of the landfill gas flare was granted by the JDAP on 9 February 2024.</p> <p>As development approval is now in place, the Delegated Officer will grant this amendment, noting that it is the responsibility of the Licence Holder to ensure all relevant approvals are in place prior to undertaking activities at the premises.</p>
Dardanup Environmental Action Group (DEAG) advised of proposal (24 November 2023)	None received.	N/A
Dardanup residents on stakeholder database advised of proposal (24 November 2023)	<p>Stakeholder 1</p> <p>What is the risk associated with a gas flare and associated infrastructure / operations in a bush fire prone zone?</p> <p>Does the proponent have a satisfactory and compliant bush fire plan in place?</p> <p>Inappropriate exemptions to policy, as well as poor planning, mitigation and management of bushfires, place our community and local volunteer fire brigade members at risk. How will this be addressed?</p>	<p>The Delegated Officer is not authorised under the <i>Bush Fires Act 1954</i>. Considerations to site activities occurring within a bush fire prone area fall within the remit of the Department of Fire and Emergency Services (DFES) and relevant planning authorities.</p> <p>The risk of landfill gas flaring in terms of regulation under the EP Act is outlined in Section 3.2 of this amendment report.</p> <p>The Licence Holder currently has a Fire and Emergency management plan in place at the premises. This plan has been considered when setting fire/smoke conditions within the existing Licence.</p> <p>The preparation and review of a new Fire Management Plan by a suitably qualified fire safety engineer is a requirement of the Ministers determination finalised on 26 October 2023. DWER has initiated an amendment to Licence L8904/2015/1 which will give effect to the Ministers determinations.</p>

		There is no exemption to policy relating to fire risk that the Delegated Officer is aware of in assessing this amendment application.
	<p>Stakeholder 2</p> <p>DWER should not approve the application until the Shire approves a development application.</p> <p>No measurable specific parameters have been set for operating, maintenance &amp; monitoring procedures proposed identify hazards and these procedures do not appear to be audited by a third party approved auditor as identified by the Minister for the Environment directions after the EPA Public Environmental Review.</p> <p>No specific plans appear to be included to prevent condensate entering the stormwater drainage system when clearing and blowing down condensate traps (as identified in maintenance procedures).</p> <p>No specific, approved, audited Fire emergency plan has been provided as directed by the Minister for the Environment after the EPA Public Environmental Review.</p>	<p>Development approval was granted by the JDAP for the proposed amendments on 9 February 2024.</p> <p>The Delegated Officer considers that the degree of regulatory control within the Licence is appropriate based on the risk of the activity to the environment.</p> <p>Monitoring of landfill gas is required within the existing Licence. Additionally, the Licence Holder must comply with specified actions when landfill gas collection trigger levels are exceeded, as outlined within conditions on the existing Licence.</p> <p>The requirement for plans and procedures to be reviewed by an auditor is conditioned within MS 1213 by the EPA under Part IV of the EP Act. This amendment is issued by the Delegated Officer under Part V of the EP Act. The Delegated Officer does not have authority to approve or enforce matters authorised under Part IV of the EP Act. As such, matters conditioned under MS 1213 will be enforced by the EPA.</p> <p>The review of the Licence Holders new Fire Management Plan by a suitably qualified fire safety engineer is a requirement of the Ministers determination finalised on 26 October 2023. DWER has initiated an amendment to Licence L8904/2015/1 which will give effect to the Ministers determinations.</p>
Licence Holder provided with draft amendment (1 December 2023)	The Licence Holder has advised that the design temperature specification for the flare is 850 °C with a residence time of >0.6 seconds.	Request has been reviewed and implemented.

## 5. Conclusion

The Delegated Officer is satisfied that the current degree of regulatory control imposed on the landfill gas collection system and flare infrastructure is sufficient to facilitate the relocation of the flare.

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
N/A Licence History	Reference to works approval W6745/2022/1 and this Licence amendment added to table.
Condition 14	Flare temperature specifications updated.
N/A Construction works heading	Specification for 'landfill cell capping' added to heading to differentiate capping works from landfill gas flare relocation works.
Condition 72 (Table 25)	New condition outlining construction specifications for the relocated gas flare and associated infrastructure.
Condition 73	New condition requiring the submission of an Environmental Compliance Report on completion of the construction works for the gas flare relocation.
Condition 74	New condition outlining specifications for inclusion in the Environmental Compliance Report required by condition 73.
N/A Schedule 1	Premises map updated to reflect new location of gas flare.
N/A Schedule 3	Plan 3 updated and Plan 4 added to Licence outlining landfill gas flare and associated infrastructure specifications.  Subsequent plan reference numbering updated through Schedule.  Plan references updated throughout licence conditions to reflect new referencing in Schedule 3.

## 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 (as updated from validation checklist)					
<b>Application type</b>					
Amendment to licence	<input type="checkbox"/>	Current licence number:	L8904/2015/1		
		Relevant works approval number:		N/A	<input checked="" type="checkbox"/>
Date application received		23 October 2023			
<b>Applicant and Premises details</b>					
Applicant name/s (full legal name/s)		Cleanaway Solid Waste Pty Ltd			
Premises name		Banksia Road Landfill			
Premises location		Lot 2 Banksia Road, CROOKED BROOK WA 6236			
Local Government Authority		Shire of Dardanup			
<b>Application documents</b>					
HPCM file reference number:		DER2015/001648-1~24			
Key application documents (additional to application form):		Landfill Gas Management Plan Premises map – Overall layout plan			
<b>Scope of application/assessment</b>					
Summary of proposed activities or changes to existing operations.		Licence amendment for the relocation of a landfill gas flare to facilitate new landfill cell construction (Cell 12A).			
Category number/s (activities that cause the premises to become prescribed premises)					
Table 1: Prescribed premises categories					
Prescribed premises category and description	Assessed production or design capacity	Proposed changes to the production or design capacity (amendments only)			
Category 5: Processing of beneficiation of metallic or non-metallic ore	350,000 tonnes per annual period	No change			
Category 61: Liquid Waste facility	3,000 tonnes per annual period	No change			
Category 64: Class II or III putrescible landfill site	350,000 tonnes per annual period	No change			
<b>Legislative context and other approvals</b>					
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 checked="" type="checkbox"/> No <input type="checkbox"/>	Assessment Number: 2303 EPA Report Number: 1747 Managed under Part V <input checked="" type="checkbox"/> Relocation of flare was referred to EPA as a part of the larger Works Approval application for the construction of additional landfill cells			

Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Awaiting Ministerial Statement. Awaiting appeal period prior to finalizing ministerial statement.
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Reference No:
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Certificate of title <input checked="" type="checkbox"/>
Has the applicant obtained all relevant planning approvals?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	
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 Type: N/A Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Regional office: Kwinana Peel
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A Priority: N/A Are the proposed activities/ landuse compatible with the PDWSA (refer to <u>WQPN 25</u> )? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

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</i> <i>Environmental Protection (Controlled Waste) Regulations 2004</i>
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Possibly contaminated - investigation required on 28 May 2014 and a memorial (M675551) was placed on the certificate of title