



## Application for Licence Amendment

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

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<b>Licence Number</b>	L8692/2012/1
<b>Licence Holder</b>	Paddington Gold Pty Ltd
<b>ACN</b>	008 585 886
<b>File Number</b>	APP-0029846
<b>Premises</b>	Enterprise Gold Mine  Legal description –  Part of mining tenements M24/29 and M24/170  As defined by the coordinates in Schedule 2 of the Revised Licence
<b>Date of Report</b>	13 October 2025
<b>Decision</b>	Revised licence granted

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## 1. Decision summary

Licence L8692/2012/1 is held by Paddington Gold Pty Ltd (Licence Holder) for the Enterprise Gold Mine (the Premises), located within parts of mining tenements M24/29 and M24/170, Ora Banda.

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 L8692/2012/1 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 9 July 2025, the Licence Holder submitted an application to the department to amend Licence L8692/2012/1 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act).

This amendment is limited only to the addition of Category 89 activities to the Existing Licence. No changes to the aspects of the existing Licence relating to Category 5, 6 and 12 have been requested by the Licence Holder. The prescribed premises boundary has also been expanded slightly to include the Enterprise Waste Rock Dump.

On 23 July 2021, Works Approval W6541/2021/1 was granted, authorising the construction and time limited operations of a Class II putrescible landfill on the Enterprise Waste Rock Dump with a production capacity of 5,000 tonnes per annum. This allows for the disposal of clean fill, putrescible waste, inert waste type 1 and uncontaminated fill, as defined in the *Landfill Waste Classifications and Waste Definitions 1996* (DWER 2019).

The Enterprise Waste Rock Dump is elevated 80 m above ground level and is located within 200 m of the Enterprise underground mine portal, which is currently operational (Figure 1). The landfill will be located entirely within the footprint of the waste rock dump and the total landfill footprint will not exceed an area of 5 hectares.

To date, one of the two landfill trenches has been constructed and found compliant with Works Approval W6541/2021/1 construction conditions. This landfill trench is approximately 30 m wide, 2 m deep and 100 m long. The tip face bund of the trench was constructed with a 1.5 m height and the outer bund with a 2.5 m height. The same dimensions apply for the second landfill trench, yet to be constructed. The landfill trenches will be covered in progressive cells (30 m long) from the outer side of the trench towards the centre (Figure 1).

The prescribed premises boundary has also been expanded slightly to include the Enterprise Waste Rock Dump (Figure 3).

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

**Table 1: Proposed design or throughput capacity changes**

<b>Category</b>	<b>Current design / throughput capacity</b>	<b>Proposed design / throughput capacity</b>	<b>Description of proposed amendment</b>
5	650,000 tonnes per annual period	N/A	No changes proposed
6	500,000 tonnes per annual period	N/A	No changes proposed
12	115,000 tonnes per annual period	N/A	No changes proposed
89	N/A	Less than 5,000 tonnes per annual period	Addition of category 89 and activities onto existing licence L8692/2012/1

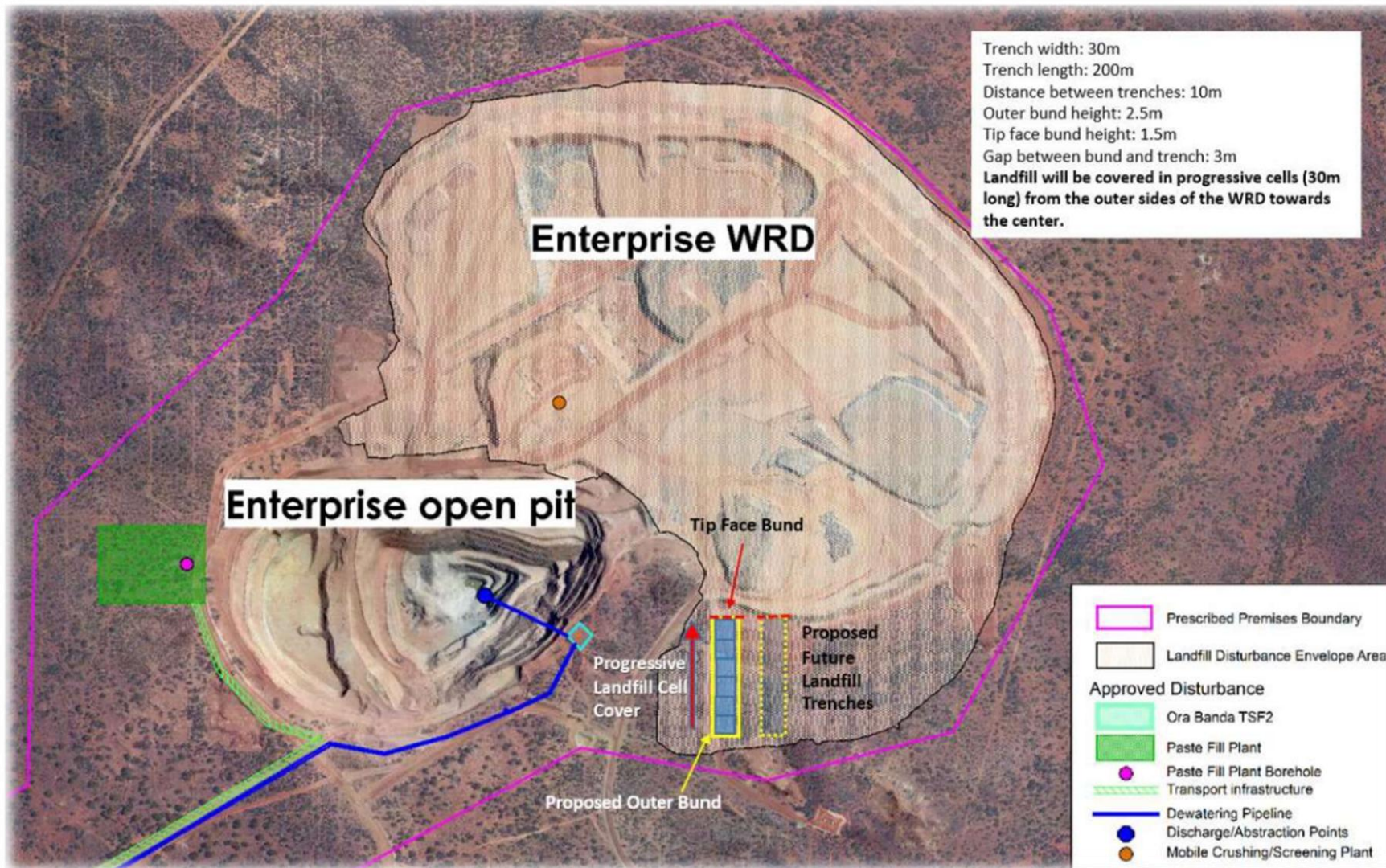
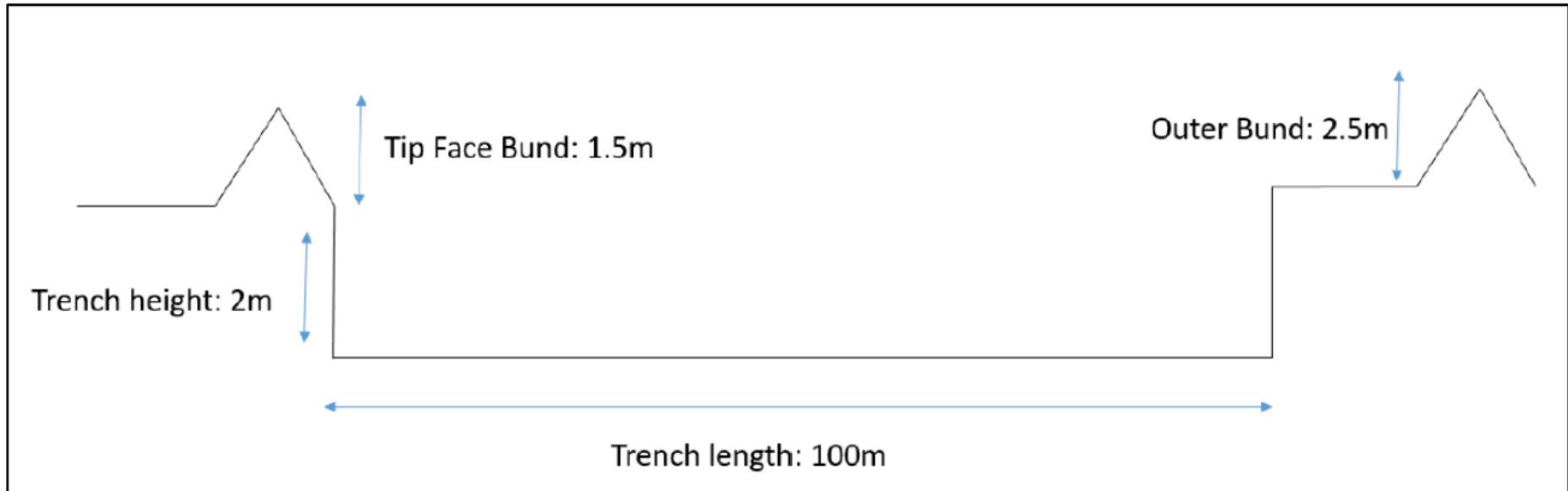
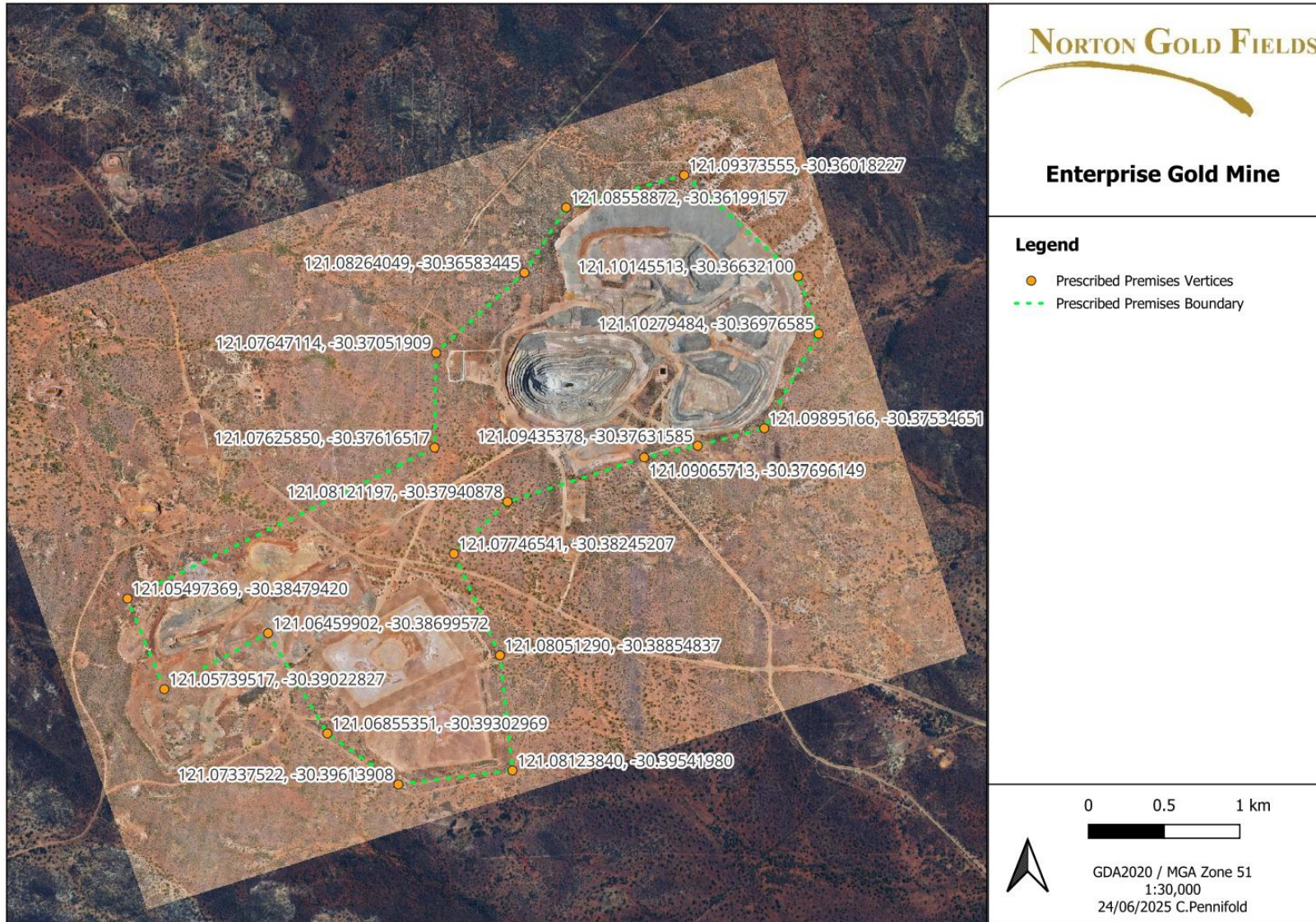


Figure 1: Enterprise Gold Mine Waste Rock Dump and Landfill Design



**Figure 2: Landfill Cross Section Design**



**Figure 3: Amended prescribed premises boundary**

### 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 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
<b>Construction – Second Landfill Trench</b>			
Dust	Earthworks in ground preparation Construction of landfill trench Vehicle movements on unsealed access roads	Air / windborne pathway	Water cart to be used to prevent dust generation during the construction of the second trench
Contaminated stormwater from construction areas contaminated with sediment and/or hydrocarbons	Vehicles and machinery	Seepage to soil and groundwater	Bunding of Landfill to ensure contaminated stormwater does not seep into environment
<b>Operation – Class II Putrescible Landfill</b>			
Dust	Operation of landfill facility i.e. unloading and storage of putrescible waste in the landfill site	Air / windborne pathway	Water cart to be used to prevent dust generation during operation
Odour			Covering or enclosing odour generating waste within landfill
Windblown wastes			Bunds to be constructed around the landfill Covering may be used to encapsulate the landfill Visual inspections

Emission	Sources	Potential pathways	Proposed controls
Seepage of landfill leachate		Infiltration through soil to groundwater Uptake via roots	Bunding of Landfill to ensure contaminated stormwater does not seep into environment
Stormwater contaminated with sediment and/or hydrocarbons	Vehicles and machinery used to unload and store putrescible waste in the landfill site	Seepage to soil and groundwater Overland runoff potentially causing stress or death to adjacent remnant vegetation	Bunding of Landfill to ensure contaminated stormwater does not seep into environment

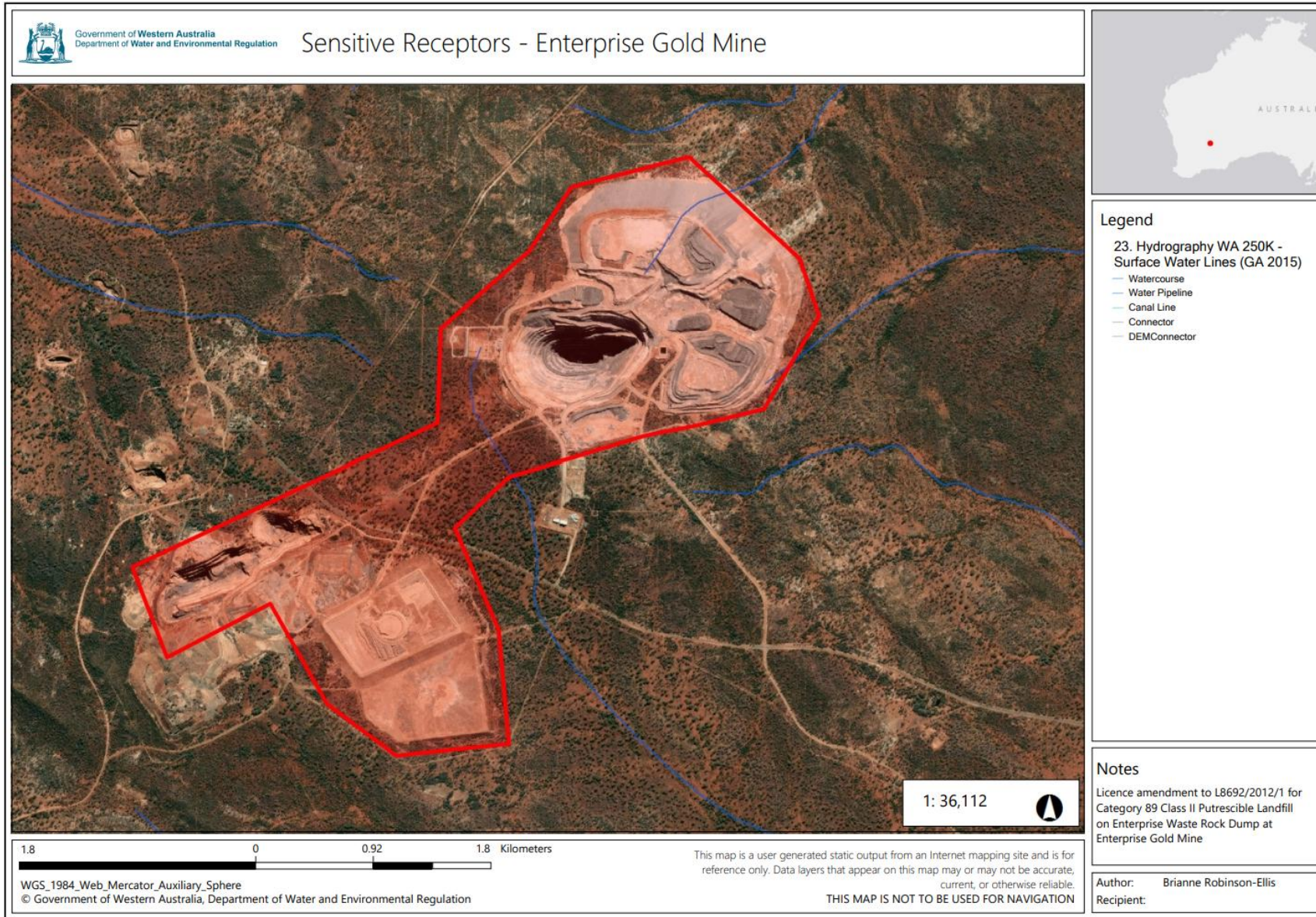
### 3.1.2 Receptors

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
Closest residential receptor	Located in Ora Banda townsite 2.5 km to the southwest of the premises <b>Receptor has been screened out due to distance</b>
Environmental receptors	Distance from prescribed activity
Threatened and Priority Flora	Located approximately 1 km from the project area (within the prescribed premises)
Threatened Fauna	<i>Leipoa ocellate</i> (malleefowl) have been recorded in 3 locations, 300 m – 1300 m from the project area within the prescribed premises
Surface water lines	An ephemeral water line is visible at the edge of the Enterprise Waste Rock Dump
Groundwater area	Proposed project area is within the Goldfields Groundwater area proclaimed under RIWI Act 1914.



**Figure 4: Distance to sensitive receptors**

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### 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 L8692/2012/1 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. landfill activities.

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 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				
<b>Construction (second landfill trench)</b>								
Earthworks in ground preparation Construction of second landfill trench Vehicle movements on unsealed access roads	Dust	<b>Pathway:</b> Air/windborne pathway  <b>Impact:</b> Health and amenity	Native vegetation	Refer to Section 3.1	C = Slight L = Possible <b>Low Risk</b>	Y	Condition 1: Construction and infrastructure requirements	N/A

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				
Vehicle and machinery movements	Contaminated stormwater from construction areas contaminated with sediment and/or hydrocarbons	<b>Pathway:</b> Infiltration through soil to groundwater. Uptake via roots of native vegetation. <b>Impact:</b> Ecosystem disturbance and vegetation loss	Seasonal minor creek at the base of the waste rock dump	Refer to Section 3.1	C = Minor L = Rare <b>Low Risk</b>	Y	Condition 1: Construction and infrastructure requirements	N/A
<b>Operation</b>								
Operation of landfill facility i.e. unloading and disposal of putrescible waste in the landfill	Dust	<b>Pathway:</b> Air/windborne pathway <b>Impact:</b> Health and amenity	Native vegetation	Refer to Section 3.1	C = Slight L = Possible <b>Low Risk</b>	Y	Condition 5: Operational infrastructure and equipment requirements – water cart available on site	N/A
	Odour		Native fauna – foraging animals	Refer to Section 3.1	C = Slight L = Possible <b>Low Risk</b>	Y	Condition 5: Operational infrastructure and equipment requirements – covering of landfill trenches  Condition 17, Table 4 – cover requirements	The applicant has proposed covering of waste to manage odour generating activities within the landfill.  The Delegated Officer has determined that the proposed applicant controls are adequate to prevent the potential odour generation.
	Windblown wastes	<b>Pathway:</b> Air/windborne pathway <b>Impact:</b> Health and amenity	Native fauna – foraging animals	Refer to Section 3.1	C = Minor L = Possible <b>Medium Risk</b>	N	<b><u>Condition 1 and 5: Construction and Operational Infrastructure requirements – fencing around the landfill trenches.</u></b>	The Delegated Officer has determined that additional controls are required to prevent the generation of windblown waste from the landfill. Fencing is required to be installed around the landfill area (i.e at each active trench).

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				
Operation of landfill facility i.e. unloading and disposal of putrescible waste in the landfill	Seepage of landfill leachate	<b>Pathway:</b> Infiltration through soil to groundwater. Uptake via roots of native vegetation. <b>Impact:</b> Ecosystem disturbance and vegetation loss	Native vegetation  Seasonal minor creek at the base of the waste rock dump  Groundwater	Refer to Section 3.1	C = Slight L = Rare <b>Low Risk</b>	Y	Condition 5: Operational infrastructure and equipment requirements – Bunding requirements	The groundwater level around the landfill has been encountered around 78 m below the ground level. Additionally, the Enterprise WRD is elevated to 80 m above ground level. Therefore, the separation distance between the base of the landfill trench and the groundwater table can be considered approximately 150 m.  The Delegated Officer has therefore determined that additional regulatory controls are not required to manage potential seepage of leachate from the landfill.
Vehicles and machinery used to unload and store putrescible waste in the landfill site	Stormwater contaminated with sediment and/or hydrocarbons	<b>Pathway:</b> Seepage to soil and groundwater. Overland runoff. <b>Impact:</b> Impacts to adjacent remnant vegetation	Native vegetation  Seasonal minor creek at the base of the waste rock dump  Groundwater	Refer to Section 3.1	C = Minor L = Rare <b>Low Risk</b>	Y	Condition 5: Operational infrastructure and equipment requirements – Bunding requirements	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.

## 4. Consultation

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

**Table 5: Consultation**

Consultation method	Comments received	Department response
Licence Holder was provided with draft amendment on 07 October 2025	Licence holder waived comment period on 7 October 2025	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
Cover Page	Addition of category 89 and 12 description and category 89 assessed production capacity.
Licence history	Addition of category 89 including Enterprise Landfill to licence added to licence history table.
Condition 1	Infrastructure and equipment requirements included for the construction of the second landfill trench.
Condition 2 and 3	Compliance reporting conditions added to licence to require an Environmental Compliance Report on the compliance with condition 1 for the second landfill trench.
Condition 4, Table 2	Inclusion of operational requirements for the landfill at the Enterprise Waste Rock Dump.
Condition 4 and 15	Inclusion of waste acceptance conditions detailing the waste authorised to be accepted onto the premises and the requirements for where waste does not meet the waste acceptance criteria.
Condition 16	Inclusion of cover requirements.
Condition 20 and 21	Conditions requiring the monitoring of waste accepted and removed from the premises added to licence.
Condition 26, Table 9	Conditions 17 and 18 (monitoring of waste accepted and removed from the premises) included in Annual Environmental Reporting requirements.
Definitions, Table 11	Definitions for 'Class II Landfill', 'Environmental Compliance Report', 'Landfill Definitions', 'Putrescible Waste' and 'Suitably Qualified Engineer' added to the definitions table.
Figure 1 and 2	Replaced and updated figures of the prescribed premises boundary and GPS coordinates.

Condition no.	Proposed amendments
Figure 4	Inclusion of figure 4, highlighting the layout of the Enterprise Waste Rock Dump and Landfill.
Schedule 2, Table 11	Amendment to premises boundary coordinates in Table 11 to reflect new prescribed premises boundary.
Condition / Table numbers	Updated all condition, table and figure numbers to reflect amendments to the licence.

## References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
3. DWER 2020, *Guideline: Risk Assessments*, Perth, Western Australia.
4. DWER 2019, *Landfill Waste Classification and Waste Definitions 1996 (as amended 2019)*, Joondalup, Western Australia.