



Application for Licence Amendment

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

Licence Number	L8512/2010/2
Licence Holder	Paddington Gold Pty Ltd
ACN	008 585 886
File Number	APP-0032716
Premises	Bullant Gold Mine Legal Description – Part of Mining Tenement M16/45 ORA BANDA WA 6431 As defined by the Premises maps attached to the Revised Licence
Date of Report	8 June 2026
Decision	Revised licence granted

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1. Decision summary

Licence L8512/2010/2 is held by Paddington Gold Pty Ltd (licence holder) (trading as Norton Gold Fields Pty Ltd) for the Bullant Gold Mine (the Premises), located at Ora Banda, Western Australia.

This Amendment Report documents the assessment of potential risks to the environment and public health from proposed changes to the emissions and discharges during operation of a new Category 89 putrescible landfill at the Premises. As a result of this assessment, Revised Licence L8512/2010/2 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 Amendment summary

On 2 December 2025, the Licence Holder submitted an application to the department to amend Licence L8512/20120/2 (Licence) under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The Licence amendment relates to the operation of a Category 89: Putrescible landfill at the Bullant Gold Mine site (the Premises) located approximately 16 kilometres north east of Ora Banda township. The premises is currently licenced for Category 6: Mine dewatering.

The Licence Holder is proposing to amend the existing licence to enable the operation of a Class II Putrescible Landfill facility which was approved for construction and time-limited operation in July 2021 under works approval W6542/2021/1. An Environmental Compliance Report for the landfill was submitted on 3 November 2025 to meet the requirements of conditions of the works approval. The report states that only one landfill trench was completed, according to the Applicant there will be no need for additional landfill cells as most of the general waste intended for the new landfill will be taken offsite for disposal. The only waste disposed at the onsite landfill will be vent bags and the volume within one landfill cell will be enough to provide years of storage for the operation which is expected to be approximately 10 years.

2.2.1 Category 89: putrescible Landfill

A single landfill trench has been constructed within the Bullant Waste Rock Dump (WRD) at the Premises, with a revised production capacity of less than 5,000 tonnes of putrescible waste per annum. Waste will generally be limited to vent bags, non-biodegradable ventilation bag used for ventilation systems in underground mining operations. The previously assessed waste streams approved under the works approval will no longer be disposed of at the landfill and will be disposed of offsite via licensed waste contractors.

Due to the change in waste streams and subsequent volume of waste being deposited into the Landfill, only one landfill cell will be required at the premises. The cell has been constructed within the Bullant WRD, and is roughly 30 metres wide by 200 metres long by 2 metres deep. The landfill trench has been bunded for leachate and contaminated stormwater containment with an outer bund height of 2.5 metres and a tip face bund of 1.5 metres.

Figure 1 depicts the location of the Landfill facility within the existing L8512/2010/2 Prescribed Premises boundary.



Figure 1: Design and location of landfill facility approved under W6542/2021/1

The landfill is currently operational, with time-limited operations commencing on 3 November 2025. Figure 2 shows a picture of the completed landfill cell.



Figure 2: Photo of completed landfill cell taken from Environmental Compliance Report (APP-0032200).

2.2.2 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 .

Table 1: Licences consolidated in this amendment

Instrument	Issued	Summary of approval
L8512/2010/2	2/07/2015	Licence reissued.
L8512/2010/2	26/04/2016	Notice of Amendment of Licence Expiry Dates
L8512/2010/2	16/05/2022	Notice of Amendment of Licence Reporting Requirements.

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 amending this licence, the department has also:

- updated the format and appearance of the Licence; and
- revised licence condition's numbers, and removed any redundant conditions and realigned condition numbers for numerical consistency.
- 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

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	Unloading and storage of waste material into landfill site Waste covering activities Vehicle movements	Air/windborne pathway	Water cart to be used to wet down to prevent dust generation.

Emission	Sources	Potential pathways	Proposed controls
Leachate	Leachates generated from Vent bags stored at the premises	Seepage through the soil profile to groundwater	Bunding to be constructed around the perimeter of the landfill facility for leachate containment.
Contaminated stormwater	Stormwater contaminated after coming into contact with landfill waste	Overland runoff during high rainfall events potentially causing ecosystem disturbance	Bunding has been constructed around the perimeter of the landfill facility to ensure clean stormwater is diverted around the landfill trench and potentially contaminated stormwater is prevented from being released into the environment.
Windblown waste	Landfilling general waste	Air/windborne pathway	No controls proposed.

3.1.2 Receptors

In accordance with the *Guideline: Risk assessments* (DWER 2020), the Delegated Officer has excluded employees, visitors and contractors of the Licence Holder's from its assessment. Protection of these parties often involves different exposure risks and prevention strategies, and is provided for under other state legislation.

Table 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
Homesteads	Black Flag Homestead is approximately 15 kilometers east south-east of the premises. The nearest township is located approximately 16 kilometres north east of the Prescribed Premises boundary being the town of Ora Banda. Human receptors are not considered to be impacted during operations and therefore not further considered in the risk assessment.
Environmental receptors	Distance from prescribed activity
Native vegetation	Remnant native vegetation located adjacent to the landfill area
Fauna	Two records of the threatened fauna species <i>Leipoa ocellata</i> (Malleefowl) has been recorded on the Department of Biodiversity, Conservation and Attractions database approximately 6.1 kilometres and 6.4 kilometres north west of the prescribed activity.

<p>Groundwater</p>	<p>The Premises is located within the Goldfields Groundwater Area proclaimed under <i>Rights in Water and Irrigation Act 1914</i>. Based on the Bullant underground mine pit depth which is currently operational and located within 200 metres of the landfill area, the depth to groundwater is estimated to be 34 metres below ground level. In addition, the Bullant WRD is elevated at approximately 10 to 15 metres above ground level (Paddington Gold Pty Ltd, 2021). Therefore, the separation distance between the base of the landfill area and the groundwater table is estimated to be approximately 50 metres.</p>
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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.

A licence is required following the time-limited operational phase authorised under the works approval to authorise emissions associated with the ongoing operation of the Premises i.e. landfilling activities. A risk assessment for the operational phase has been included in this Amendment Report, however licence conditions will not be finalised until the department assesses the licence application.

The Revised Licence L8512/2010/2 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. landfilling 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 during operation

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls/ DWER comments
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
Operation								
Covering of waste. Vehicle movements	Dust	Pathway: Air/windborne pathway Impact: degradation or death of remnant native vegetation	Remnant native vegetation located adjacent to landfill facility	Refer to Section 3.1	C = Slight L = Possibly Low Risk	Y	Condition 4 and Table 2 Condition 10 and Table 7	As minimal dust emissions are expected from the proposed activity and noting the licence holder's control of maintaining a water cart on site, the risk of dust impacting the environment has been determined to be 'low'.
Leachates generated from waste stored at the premises	Leachate	Pathway: Seepage through the soil profile to groundwater may result in the contamination of soils and the deterioration of groundwater. Impact: Contaminants in groundwater/soil may cause stress or death to adjacent remnant vegetation.	Remnant native vegetation located adjacent to landfill facility Groundwater	Refer to Section 3.1	C = Slight L = Rare Low Risk	Y	Condition 4 and Table 2 Condition 10 and Table 6 Condition 10 and Table 7	Given the waste deposited into the landfill is now limited to vent bags leachate emissions generated from the landfill site are expected to be minimal and additional controls are not required for leachate management. Depth to groundwater is also estimated to be approximately 50 meters below ground level further reducing likelihood of impacts. Standard waste management conditions have been added to the licence.
Stormwater contaminated after coming into contact with putrescible waste	Contaminated stormwater	Pathway: overland runoff Impact: Soil contamination may degrade the quality of adjacent remnant native vegetation.	Remnant native vegetation located adjacent to landfill facility	Refer to Section 3.1	C = Slight L = Rare Low Risk	Y	Condition 4 and Table 2	Applicants' proposed controls for stormwater management as outlined in section 3.1 are adequate to manage this risk event and have been conditioned on the licence.
Landfill generating waste	Windblown waste	Pathway: Air/wind Impact: Windblown waste causing impacts to habitat and ecosystem disruption	Threatened fauna species <i>Leipoa ocellata</i> (Malleefowl)	Refer to Section 3.1	C = Minor L = Unlikely Medium Risk	N	<u>Condition 4 and Table 2 – inspection requirements, windblown waste requirements</u> <u>Condition 12 and Table</u>	Standard waste covering, windblown waste collection and inspection conditions have been added to the license to ensure waste is managed appropriately at the landfill.

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls/ DWER comments
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
							<u>7 – waste covering requirements.</u>	

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

Table 1: Consultation

Consultation method	Comments received	Department response
Licence Holder was provided with draft amendment on 3 June 2026	<p>“Condition 21.(b) it may be a typo to say 2024. Should this be 2028?”</p> <p>No further comments. Remainder of consultation period has been waived.</p>	Reference to 2024 was a typo. Condition updated.

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 2 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 2: Summary of licence amendments

Old Condition no.	New condition no.	Proposed amendments
Cover page	Cover page	<p>New format.</p> <p>Changed expiry date from 17 July 2020 to 17 July 2029 as per <i>Notice of amendment of licence expiry dates section 59B(9) and Section 59(1)(k) Environmental Protection act 1986 licenced prescribed premises</i> that was granted on 29 April 2016.</p>
Contents	-	Deleted as old format
Introduction	-	Deleted. This guidance is available in the department’s Guideline: Industry Regulation Guide to Licensing (June 2019).
History	-	Updated to include this amendment and the two notices of amendments from 2016 and 2022.
General – interpretation (Conditions 1.1.1 to 1.1.4)	Interpretation	Deleted and replace with new interpretation section. Definitions moved to end of conditions.
General – General conditions (Conditions 1.2.1 to	-	Deleted in accordance with the department’s Operational Procedure IR-OP-02 – Redundant Conditions (May 2016)

1.2.5)		
Infrastructure and equipment Conditions 1.3.1 to 1.3.3	Condition 1 - 3	Updated condition numbers (Condition 1, 2 and 3). Condition wording remains the same. Table 1.3.1 updated to Table 1.
-	Condition 4, Table 2	New condition outlining landfill operating requirements.
Condition 2.1.1	Condition 5	Updated condition number (condition 5), updated wording. Intent of condition remains the same.
Condition 2.2 - "Point source emissions to air"	-	Deleted in accordance with the department's Operational Procedure IR-OP-02 – Redundant Conditions (May 2016)
Condition 2.2 - "Point source emissions to surface water"	-	Deleted in accordance with the department's Operational Procedure IR-OP-02 – Redundant Conditions (May 2016)
Condition 2.4.1	Condition 6, Table 3	Updated condition number. Condition wording remains the same. Table 2.4.1 updated to Table 3
Condition 2.4.2	Condition 7, Table 4	Updated condition number. Condition wording remains the same. Table 2.4.2 updated to Table 4.
Condition 2.4.3	Condition 8, Table 5	Updated condition number. Condition wording remains the same. Table 2.4.3 updated to Table 5.
Condition 2.5 - "Emissions to land"	-	Deleted in accordance with the department's Operational Procedure IR-OP-02 – Redundant Conditions (May 2016)
Condition 2.6 - "Fugitive Emissions"	Condition 9	Updated condition number. Condition wording remains the same.
Condition 2.7 - "Odour"	-	Deleted in accordance with the department's Operational Procedure IR-OP-02 – Redundant Conditions (May 2016)
Condition 2.8 - "Noise"	-	Deleted in accordance with the department's Operational Procedure IR-OP-02 – Redundant Conditions (May 2016)
-	Condition 10 - 12	New conditions around waste acceptance and management
Conditions 3.1.1 and 3.1.2 – "General monitoring"	Condition 13 Condition 14	Updated condition number (conditions 11 and 12). Condition wording remains the same.
Condition 3.2 – "Monitoring of point source emissions to	-	Deleted in accordance with the department's Operational Procedure IR-OP-02 – Redundant Conditions (May 2016)

air”		
Condition 3.3 – “Monitoring of point source emissions to surface water”	-	Deleted in accordance with the department’s Operational Procedure IR-OP-02 – Redundant Conditions (May 2016)
Condition 3.4 - “Monitoring of point source emissions to ground water”	Condition 15, Table 8	Updated condition number. Condition wording remains the same. Table 3.4.1 updated to Table 8.
-	Condition 16	New condition regarding waste volume monitoring
Conditions 3.5 – “Monitoring of emissions to land”	-	Deleted in accordance with the department’s Operational Procedure IR-OP-02 – Redundant Conditions (May 2016).
Conditions 3.6 – “Monitoring of inputs and outputs”	-	Deleted in accordance with the department’s Operational Procedure IR-OP-02 – Redundant Conditions (May 2016).
Conditions 3.7 – “Process Monitoring”	-	Deleted in accordance with the department’s Operational Procedure IR-OP-02 – Redundant Conditions (May 2016).
Condition 3.8 – “Ambient environmental quality monitoring”	-	Deleted in accordance with the department’s Operational Procedure IR-OP-02 – Redundant Conditions (May 2016).
Condition 3.9 – “Meterological monitoring”	-	Deleted in accordance with the department’s Operational Procedure IR-OP-02 – Redundant Conditions (May 2016).
Improvements	-	Deleted in accordance with the department’s Operational Procedure IR-OP-02 – Redundant Conditions (May 2016).
Conditions 5.1.1, 5.1.2 and 5.1.4 – “Reporting”	Condition 17 Condition 18 Condition 19	Conditions replaced with conditions 17 – 19. Wording has been updated but intent of conditions remain the same. Wording is in line with current licence template.
Condition 5.1.3 – AACR	Condition 20	Condition wording has been updated with new wording of standard AACR condition. Intent of condition remains the same.
Condition 5.2.1 – Environmental Report	Condition 21, Table 10	Condition removed and replaced with condition 21 as per current licence template. Condition intent remains the same, however annual reporting requirement has been changed to biennial as per <i>Notice of Amendment of Licence Reporting Requirements (2022)</i> . Table 5.2.1 changed to Table 10
Condition 5.2.2	Condition 22	Condition number updated. Condition wording changed, however intent of condition remains the same.

Condition 5.3.1	Condition 23, Table 11	Condition number updated. Table 5.3.1 changed to Table 11
Definitions	-	Definitions updated, Act, CAN, books, CEO, Class II Landfill, department, discharge, emission, landfill definitions, licence, licence holder, prescribed premises, putrescible waste, spot sample, waste. Updated table number.
Schedule 1 – “Premises maps”	-	Updated to include landfill facility.
Schedule 2	-	AACR form deleted (now available on department’s website) Form for monitoring data no longer required.

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. *Paddington Gold Pty Ltd 2026, IR-F09 Form - L8512 Bullant Landfill Amendment signed (Including attachments) Perth, WA.*