



Application for Licence Renewal

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

Licence Number	L7750/2001/10
Applicant	Evolution Mining (Mungari) Pty Ltd
ACN	002 124 745
File Number	2011/009482-1
Premises	<p>Mungari Gold Mine COOLGARDIE WA 6429</p> <p>Legal description – Mining tenements M15/829, M15/830, M15/1741, M15/1408, M15/1287, M15/688, L15/228, L15/246, L15/227 and M15/1407</p> <p>As defined by the Premises map attached to the issued licence.</p>
Date of Report	05 March 2021
Decision	Licence granted

Terrel MacGregor
A/Manager Resource Industries
INDUSTRY REGULATION

An officer delegated by the CEO under section 20 of the EP Act

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1. Decision summary

The Delegated Officer has determined to renew Licence L7750/2001/9. The renewal is administrative in nature and therefore a risk assessment of the emissions and discharges associated with the Premises has not been undertaken.

This Decision Report documents the amendments made pursuant to section 59 and 59(B) of the *Environmental Protection Act 1986* (EP Act).

2. Scope of assessment

2.1 Regulatory framework

In renewing the licence, the department has considered and given due regard to its Regulatory Framework and relevant policy documents which are available at <https://www.der.wa.gov.au>.

2.2 Renewal application summary

On 27 January 2021, Evolution Mining (Mungari) Pty Ltd (Applicant) submitted an application to renew licence L7750/2001/9 as it expires on 14 March 2021.

Licence L7750/2001/9 is for the operation of the Mungari Gold Project and the Frog's Leg Project, located approximately 20 km west of the City of Kalgoorlie-Boulder and 20 km east of the township of Coolgardie in the Goldfields region of Western Australia. The Frog's Leg Project, has historically, been a separate prescribed premises to the Mungari Gold Project with a separate licence (L7887/2003/6). The premises are now one, and currently cover tenements L 15/228, L 15/246, M 15/688, M 15/829, M 15/830, M 15/1287, M 15/1407 and M 15/1741. The whole premises is now called the Mungari Gold Operation (MGO).

The current operation consists of the White Foil Open Pit Project, the Frog's Leg Underground Project, the Cutters Ridge Open Pit Project, and also comprises the Mungari Mill and the Mungari tailing storage facility (TSF). A total of eight staged embankment lifts has been proposed for the life of the TSF. The White Foil, Frog's Leg and Cutters Ridge Projects are actively mined at present. Operations at the site commenced in 2002 and was acquired by the Applicant in August 2015. The processing plant and TSF were constructed in 2014 under Works Approvals W5353/2013/1 and W5464/2013/1 respectively. The Mungari Mill has a current design capacity of 2 million tonnes per annum (Mtpa) but anticipates increasing its throughput beyond this in 2021. The TSF is a four-sided, two cell, paddock style facility with a central divider embankment that accepts tailings from the Mungari Mill at the Mungari Gold Project. In 2018, an intercept trench was installed at the north-west corner of the TSF that includes a soak well and sends captured water back to the TSF.

Reclaimed and stored tailings from the Mungari TSF are used in the Frog's Leg paste plant. Tailings are currently reclaimed on a six-monthly basis from each cell and dried and deposited on a 3.3 ha tailings storage pad created adjacent to the existing TSF. Road trains haul the tailings to the paste plant using haul roads. The paste plant is located to the north of Frog's Leg Underground Mine. Approximately 250,000 tonnes of tailings are processed through the plant each year. The tailings material is fed using a Cat 980 loader through a 20 mm Terex 883+ steel track screen onto the plant feed conveyor. In 2009, it was confirmed by DEC (at the time) that the paste plant did not trigger licensing under Category 77, as the paste product is used on the same premises as it is manufactured and subsequently the Frog's Leg paste plant continues to operate under this direction.

Other prescribed activities at the Mungari Gold Project include the dewatering of up to 5,000,000 kL from the White Foil and Frog's Leg pits to the Pope John Pit via a 450 mm pipeline. Pope John Pit is located on the Kundana Gold Mine owned by Northern Star Resources Pty Ltd (NSR). An agreement between NSR and the Applicant clarifies the responsibility and

management of the adjoining pipeline route. Management and responsibility for the pipeline resides with the Applicant and is covered by this licence. However, management of the discharge point at the transfer dam and Pope John Pit is managed by NSR and is captured on the Kundana Gold Licence L7323/1998/12. The pipeline design and construction capacity is 5,000,000 kL per annum.

Two category 89 landfills are located within the Frog's Leg and White Foil waste dumps. They are each managed by their own separate landfill procedures and are also supported by an overarching Waste Management Procedure. The landfills are inspected and covered weekly.

The Applicant has advised DWER that the Existing Licence requires amending to fix up a number of issues these include:

- Update wording of several conditions which are inconsistent with the activities onsite.
- Modifying premise boundary.
- Adding Category 12 to the licence.
- Increasing Category 5 approved throughput.
- Modifying designated landfill areas; and
- Update licence format.

A licence amendment application is currently being processed to address these issues and so they will not be addressed through this renewal process.

3. Consultation

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

Table 1: Consultation

Consultation method	Comments received	Department response
Application advertised for 7 days on the department's website on 22/02/2021.	None received.	N/A
Local Government Authority advised of proposal on 16/02/2021.	None received.	N/A
Department of Mines, Industry Regulation and Safety (DMIRS) advised of proposal on 16/02/2021.	None received.	N/A
Applicant was provided with draft documents on 02/03/2021 with a response provided 03/03/2021.	Comment period waived. No comments.	Noted.

4. Conclusion

The Delegated Officer has determined that licence L7750/2001/9 will be renewed. Licence L7750/2001/10 will be issued with an expiry date of 14 March 2041 in accordance with *Guideline: Licence Duration (August 2016)*. This Licence renewal is an administrative renewal, DWER has not undertaken a risk assessment of the emissions and discharges associated with the Premises at this time in accordance with *DWER Work Instruction: Regulatory Services, Industry Regulation COVID-19 licensing position (22 April 2020)*.

The obligations of the Licence Holder have not changed in renewing the licence. DWER may undertake a review of the licence at any time to reassess the emissions and discharges

associated with the Premises if deemed necessary.

A licence amendment application for L7750/2001/10 is currently being processed.

References

1. Department of Environment Regulation (DER) 2016, Guideline: Licence Duration, Perth, Western Australia
2. DER 2016, Guidance Statement: Environmental Siting, Perth, Western Australia.
3. DER 2017, Guidance Statement: Risk Assessments, Perth, Western Australia.
4. DER 2015, Guidance Statement: Setting Conditions, Perth, Western Australia.
5. Department of Water and Environment Regulation (DWER) 2020, Work Instruction: Regulatory Services, Industry Regulation COVID-19 licensing position.

Appendix 1: Application validation summary

SECTION 1: APPLICATION SUMMARY					
Application type					
Works approval	<input type="checkbox"/>				
Licence	<input type="checkbox"/>	Relevant works approval number:		None	<input type="checkbox"/>
		Has the works approval been complied with?	Yes <input type="checkbox"/> No <input type="checkbox"/>		
		Has time limited operations under the works approval demonstrated acceptable operations?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
		Environmental Compliance Report / Critical Containment Infrastructure Report submitted?	Yes <input type="checkbox"/> No <input type="checkbox"/>		
		Date Report received:			
Renewal of Licence	<input checked="" type="checkbox"/>	Current licence number:	L7750/2001/9		
Amendment to works approval	<input type="checkbox"/>	Current works approval number:			
Amendment to licence	<input type="checkbox"/>	Current licence number:			
		Relevant works approval number:		N/A	<input type="checkbox"/>
Registration	<input type="checkbox"/>	Current works approval number:		None	<input type="checkbox"/>
Date application received	24/12/2020				
Applicant and Premises details					
Applicant name/s (full legal name/s)	Evolution Mining (Mungari) Pty Ltd				
Premises name	Mungari Gold Project				
Premises location	Kundana Road, Kalgoorlie WA 6430				
Local Government Authority	Coolgardie Shire				
Application documents					
HPCM file reference number:	2011/009482-1~5				
Key application documents (additional to application form):	Application form Att1A Proof of Occupier status Att2 Premises Map L7750-2001-9 Licence renewal application Att8 L7750-2001-9 Licence Amendment Application				
Scope of application/assessment					

Summary of proposed activities or changes to existing operations.	<p><u>Licence Renewal</u></p> <ul style="list-style-type: none"> Renew existing licence to new version (10) <p><u>Licence amendment (concurrently occurring)</u></p> <ul style="list-style-type: none"> Alteration of the current Prescribed Premises Boundary; Inclusion of a crushing and screening of material Category 12 production capacity of 500,000 t/a; and Increasing the nominated rate of throughput for Category 5 processing ore to 3,000,000 t/a.
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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 (on Amendment)	2,000,000 tonnes per annual period	Increase throughput to 3,000,000 tonnes per annual period.
Category 6	5,000,000 tonnes per annual period	No change – 5,000,000 tonnes per annual period.
Category 12 (on Amendment)	More than 50,000 tonnes per annual period	New category. 500,000 tonnes per annual period.
Category 89	More than 20 but less than 5,000 tonnes per annual period	No change – 2,000 tonnes per annual period.

Legislative context and other approvals

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 type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
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"/>	Mining lease / tenement <input checked="" type="checkbox"/> M15/228 Expiry 08/11/2022, M15/246 Expiry 27/11/2024, M15/688 Expiry 24/03/2036, M15/829 Expiry 14/03/2041, M15/830 expiry 14/03/2041, M15/1287 Expiry 23/06/2025, M15/1407 Expiry 7/01/2025, M15/1408 Expiry 08/01/2025, and, M15/1741 Expiry 11/9/2033,

Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Approval: Expiry date: If N/A explain why?
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"/>	CPS No: CPS8798/1 clearing as per approved mining proposal
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"/>	Application reference No: N/A Licence/permit No: N/A 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 checked="" type="checkbox"/> No <input type="checkbox"/>	Application reference No: Licence/permit No: GWL105884(7) entitlement of 5,000,000 kL/a
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Name: Goldfields Groundwater Area Type: Proclaimed Groundwater Area Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Regional office:
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Are the proposed activities/ landuse compatible with the PDWSA (refer to WQPN 25)? 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, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxxx</i>)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Mining Act 1972 Dangerous Goods Safety Act 2004, RIWI Act
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"/>	Classification: possibly contaminated – investigation required (PC–IR) Date of classification: 16/06/2010