



Application for Licence Amendment

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

Licence Number	L8675/2012/1
Licence Holder	Millennium Minerals Limited
ACN	003 257 556
File Number	DER2014/002927-1~6
Premises	<p>Nullagine Gold Operation - Golden Eagle Project</p> <p>Mining Tenements M46/3, M46/47, M46/50, M46/57, M46/64, M46/98, M46/129, M46/138, M46/146, M46/163, M46/164, M46/166, M46/167, M46/170, M46/182, M46/186, M46/187, M46/189, M46/192, M46/198, M46/199, M46/200, M46/225, M46/261, M46/262, M46/263, M46/264, M46/265, M46/266, M46/267, M46/272, M46/273, M46/274, M46/275, M46/276, M46/277, M46/278, M46/279, M46/282, M46/283, M46/300, M46/302, M46/303, M46/426, M46/427, M46/428, M46/429, M46/430, M46/431, M46/432, M46/433, M46/434, M46/436, M46/441, M46/442, M46/443, M46/444, M46/445, M46/446, M46/447, M46/448, G46/2, L46/33, L46/45, L46/88, L46/89, L46/90, L46/91, L46/92, L46/98, L46/105, L46/115, P46/1670, P46/1671, P46/1672, P46/1673, P46/1674, P46/1675, P46/1676, P46/1703, P46/1704, P46/1705, P46/1706, P46/1707, P46/1757, P46/1758, P46/1759, P46/1760, P46/1761, P46/1804, P46/1823, P46/1824, P46/1855, and P46/1856</p> <p>NULLAGINE WA 6758</p>
Date of Report	5/11/2021
Decision	Revised licence granted

A/Manager, Resource Industries

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

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1. Decision summary

Licence L8675 is held by Millennium Minerals Limited (Licence Holder) for the Nullagine Gold Operation – Golden Eagle Project (the Premises), located at approximately 8 km south of Nullagine.

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 L8675 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 Application summary

On 11 June and 26 July 2021, the Licence Holder submitted two applications to the department to amend Licence L8675/2012/1 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments are being sought:

- TSF2 downstream lift
- Add category 52: Electric power generation to the licence.

The Nullagine Gold Operation was placed in care and maintenance in late 2019. Site infrastructure upgrades were completed prior to mining operations recommencing in 2021.

A component of the upgrades carried out in late 2020 included an additional 1 MW generator being installed to the existing Nullagine Power Station, bringing the aggregated capacity of the facility to 10 MW. The operation of the power station was not included in the current licence as it was previously under the category 52 threshold. This additional 1 MW caused it to trigger the category 52 threshold of 10MW, as it uses a fuel other than natural gas. Construction of this power plant cannot be assessed retrospectively, but this report will include assessment of the environmental risks during operation of the power plant.

The Licence holder applied for a downstream lift (stage 2) of TSF2. The original application was for a raise in crest height of 4m, in two stages of 4m each. However, during assessment of this amendment application, DWER became aware that the 'interim' lift (stage 2A) has already been constructed. Previous approval for construction of TSF2 to 399m RL under Amendment Notice 1 (issued 14 March 2017) was for construction using an upstream lift method and 2 cell layout. The Licence Holder has deviated from this design and the raises cannot be constructed according to the previously approved design. The construction of the raise cannot be retrospectively approved by DWER. The Licence Holder submitted an application addendum on 28 October 2021 requesting approval to operate (deposit tailings into) the Stage 1A lift only. A report detailing the construction works undertaken for the interim raise to crest

height 397.3m RL (REC 2021) was submitted on 27 October 2021. Approval for construction or operation beyond this height is not provided in this amendment, and will be the subject of a future amendment application.

It is mentioned in the original application that some monitoring bores will be buried under the existing TSF footprint. The Delegated Officer is of the understanding that this has not occurred in construction of the Stage A raise, and existing groundwater monitoring requirements remain unchanged.

The Mining Proposal previously approved by DMIRS authorised construction of TSF2 to 399m RL. However, the construction methodology assessed is different to that constructed, and the revised Mining Proposal is currently being reviewed by DMIRS.

The TSF2 tailings delivery lines and decant return lines are proposed be relocated to within a constructed bunded footprint.

This amendment is limited only to changes to Category 5 and 52 activities from the existing Licence. No changes to the aspects of the existing Licence relating to Category 7, 73, 85 and 89 have been requested by the Licence Holder.

An additional 8.77 ha was expected to occur beyond to accommodate the TSF2 Stage 2 raise. The applicant stated that the clearing of native vegetation is authorised under Regulation 5, Item 20 of the Clearing Regulations. No clearing is assessed as part of this assessment

Figure 1 shows the new pipeline route, areas to be cleared and the approximate new TSF2 footprint.

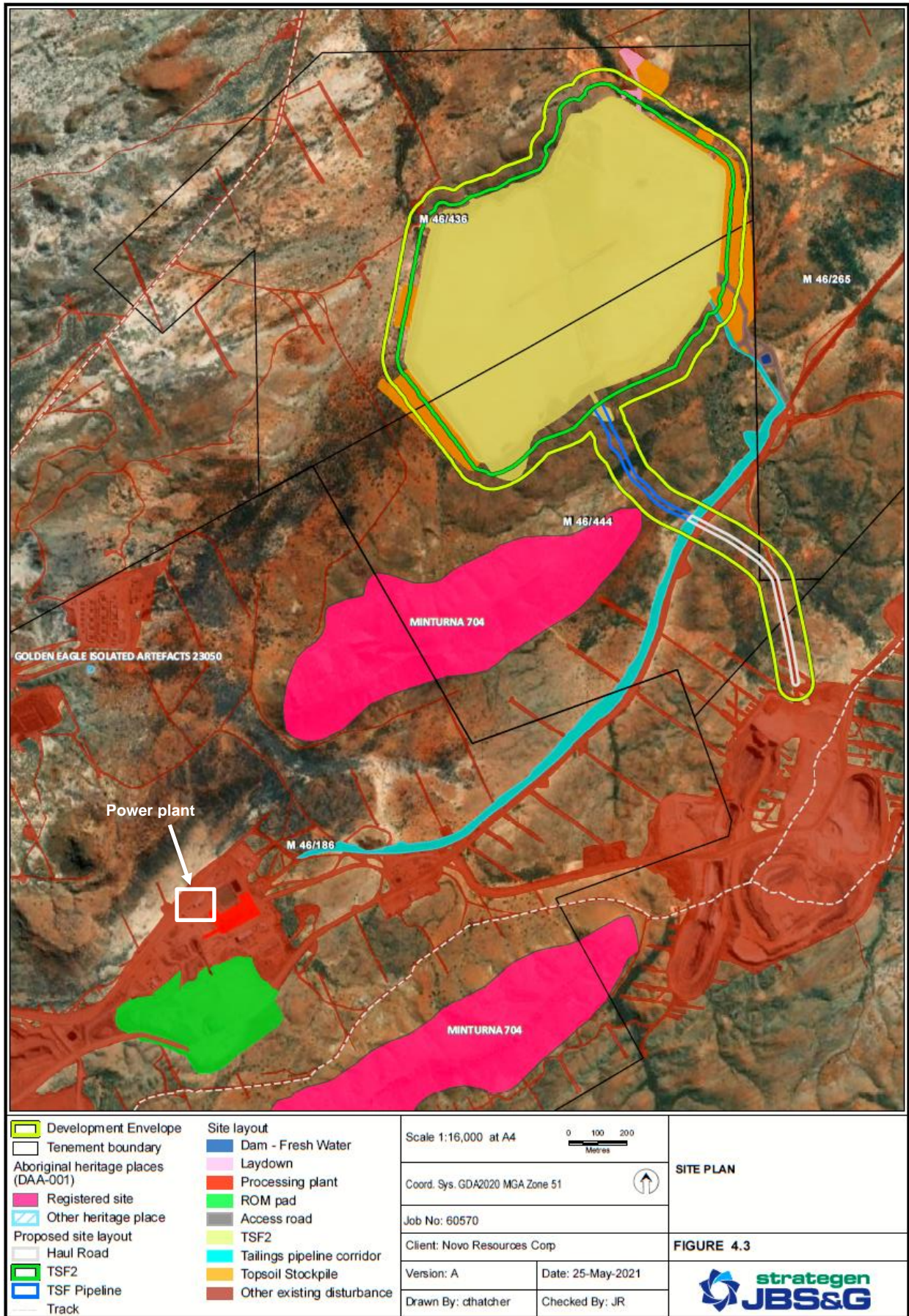


Figure 1: TFS2 and power station locations.

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

Table 1: Proposed changes

Category	Current production/design capacity	Proposed production/design capacity	Description of proposed amendment
5	2,000,000 tonnes per Annual Period	2,000,000 tonnes per Annual Period	No change to throughput. Lift to existing TSF.
52	N/A	10 MW in aggregate	To include the operation of the Nullagine Power Station, which has recently been upgraded to a 10MW system.

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
TSF2 downstream lift and new pipeline route			
Overtopping or embankment breach of TSF	Tailings	Direct discharge – affecting vegetation, soil and groundwater	<ul style="list-style-type: none"> • Rock ring constructed from geotechnically and geochemically stable material with particle size not exceeding 500 mm, sound, durable, clean, cohesionless, sub-angular to angular rock fragments and free of deleterious material, conforms to Particle Size Distribution requirements, non-plastic and are well graded • Full decant rock ring water recovery • Decant rock ring reduces Rate of Rise and increases in-situ tailings dry density, increasing storage capacity • Vibrating Wire Piezometers system to be reviewed and monitoring of phreatic surface • Annual TSF inspections

Emission	Sources	Potential pathways	Proposed controls
			<ul style="list-style-type: none"> • Cone Penetrating testing for lifts • Rubber tyres installed at discharge points to minimize scouring • Designed to accommodate a 1 in 100 year rainfall event over a 72-hour period • Beaton Creek Project tailings geophysical and geochemical analysis • Total operating freeboard of 1400 mm • Underdrainage collection system • TSF Operations Manual • Daily TSF inspections
TSF seepage	Tailings contaminated water	Discharge impacting on soils, vegetation and groundwater	<ul style="list-style-type: none"> • Regular groundwater quality and SWL monitoring in accordance with L8675/2012/1 • TSF2 Groundwater Risk assessment has been completed • Rock ring increases water recovery through filtering out suspended solids • Groundwater abstraction production bores • Underdrainage system which is underlain by a compacted floor of impermeable silty sandy clay then weathered and hard sedimentary/metasedimentary bedrock with low hydraulic parameters • TSF2 is underlain by weathered hard bedrock with little, if any, fracturing and faulting • BCP tailings has a coarser grind, resulting in faster settling, steeper beaching, improved thickener performance and water recovery • Tailings deposition area to be rotated to ensure neutral to alkaline conditions are maintained in TSF2 to prevent acidic conditions. Tailings discharge via subaerial as a slurry to ensure circum-neutral conditions prevail and minimization of potential oxidation
Tailings delivery pipelines or decant return line failure	Tailings containing metal and metalloids	Direct discharge – affecting vegetation, soil and groundwater	<ul style="list-style-type: none"> • Pipeline inspections • Bunding • Alarm system • Maintenance system • TSF Operations Manual • Daily TSF inspections
Power Plant 10 MW			

Emission	Sources	Potential pathways	Proposed controls
Noise	Operation of up to ten 1 MW generators.	Air/windborne pathway	Generators housed inside enclosed building
Combustion gases	Combustion of diesel fuel in up to ten 1 MW generators.	Air/windborne pathway	Generators maintained and serviced in accordance with manufacturer's specifications and preventative maintenance schedule.
Hydrocarbon release	Filling and storage of fuel in tanks	Spills - soils and groundwater	<p>Main fuel storage (6 x 110 kL) in self-bunded tanks on concrete apron.</p> <p>Concrete refuelling bunds with catchment grates.</p> <p>Ancillary oil and fuel storage tanks (4 x 15kL) contained within concrete bunded compound.</p> <p>Oil/water separator to capture drainage from power station, fuel storage and refuelling bunds.</p> <p>Spill kits available in power station complex.</p> <p>Regular inspections of the fuel storage and power generation system to identify leaks and or faults.</p>

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)). Distance from sensitive receptors is shown in Figure 2.

Table 3: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
Town of Nullagine	5.5 km north west of TSF2
Environmental receptors	Distance from prescribed activity
PEC - Stony saline clay plains of the Mosquito Land System	Within Premises boundary
<i>Dasycerus blythi</i> (Brush-tailed mulgara) and Greater Bilby (<i>Macrotis lagotis</i>)	Within 250 m radius of TSF2
<i>Acacia aphanoclada</i> (P1) and <i>Euphorbia sarcostemmoides</i> (P1)	Within the TSF2 survey area
Underlying groundwater Pilbara Groundwater Area	Within Premises boundary –less than 6 m below ground level (bgl) at monitoring bore TSF2MB2 and 11 m bgl at TDMB6S
Nullagine Water Reserve – Priority One	3.1 km north west of TSF2
Hyporheic zone - habitat and refuge for aquatic organisms (e.g. microbes, macroinvertebrates, and fish).	Creek lines adjacent to TSF2
Aboriginal site Minturna 704	200 metres south west TSF2

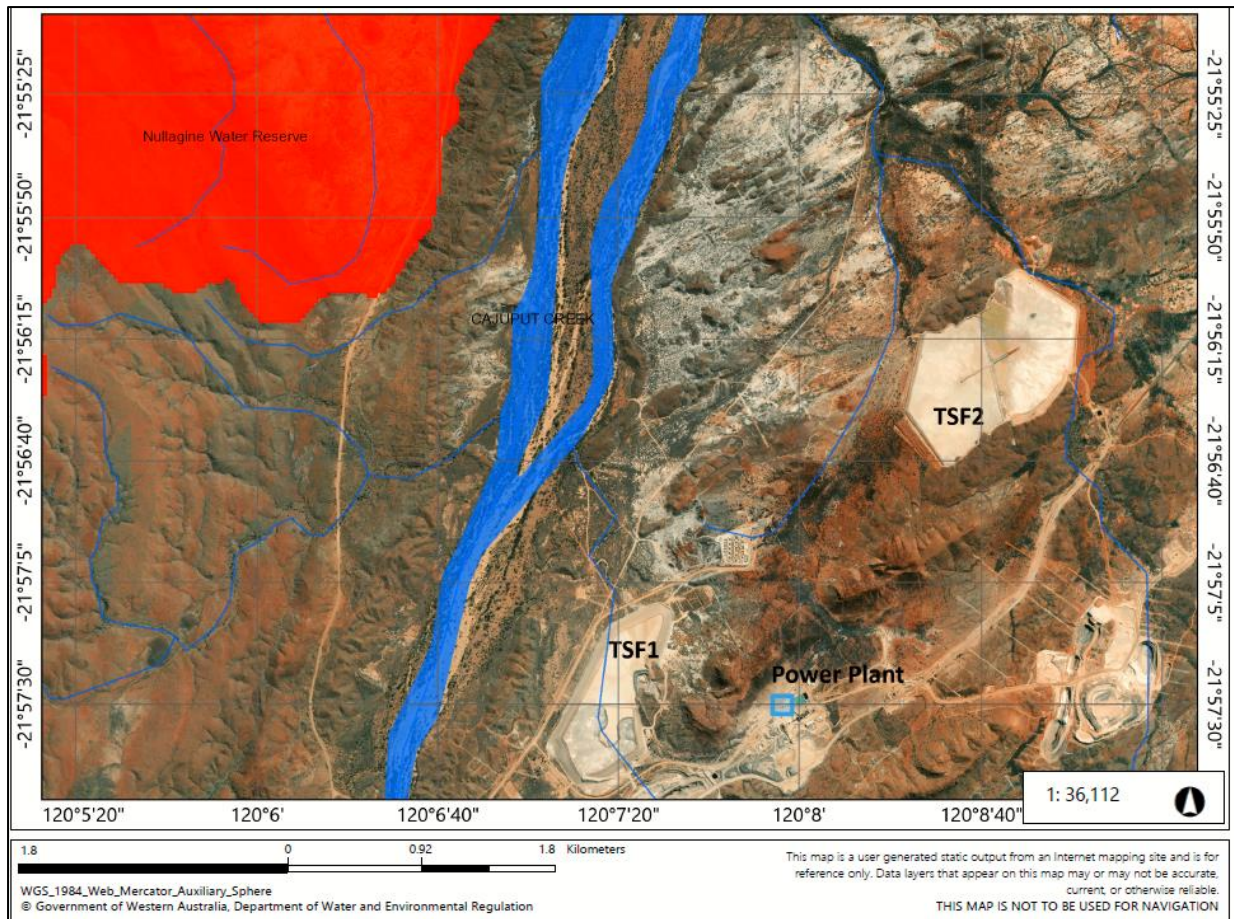


Figure 2: Distance to sensitive receptors

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 in-complete 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 L8675/2012/1 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. categories 5 and 52.

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
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
Operation								
Deposition of tailings into TSF2 Stage 2	Seepage from TSF2	Slurry water seepage entering groundwater and flowing down gradient to sensitive receptors may have the following impacts: • Groundwater mounding • Groundwater contamination • Water quality adversely affecting Cajuput Creek	Native vegetation along minor creek line either sides of TSF2 Threatened fauna (closest 100 m south-east) Seasonal minor creek adjacent to TSF2 – hyporheic zone	Refer to Section 3.1	C = Moderate L = Possible Medium Risk Refer to section 3.3	Y	Condition 1.2.1 updated to reflect updated TSF2 infrastructure	Updated to reflect current infrastructure. No change to groundwater monitoring requirements.
	Releasing waste fines via overtopping.	Waste fines released into ground. Soil contamination with the possible addition of ions and metals.	Native vegetation along minor creek line either sides of TSF2	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	No new conditions	Freeboard already conditioned in the licence
	Pipeline failure releasing waste fines	Waste fines released into natural channels.	Soil and native vegetation	No change from approved licence	C = Minor L = Unlikely Low Risk	Y	No new conditions	Pipeline failure controls were already conditioned in the licence.
Operation of 10 x 1 MW diesel generators	Noise	Air/windborne pathway causing noise impacts	No receptors	Refer to Section 3.1	C = Slight L = Possible Low Risk	Y	N/A	N/A

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Conditions ² of licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls				
	Air emissions	Air/windborne pathway causing impacts to health and amenity	No receptors	Refer to Section 3.1	C = Slight L = Possible Low Risk	Y	N/A	N/A
	Storage and transport of hydrocarbons / chemicals	Overland runoff potentially causing ecosystem disturbance or impacting surface/ground water quality	Groundwater 11 m bgl	Refer to Section 3.1	C = Slight L = Possible Low Risk	Y	N/A	Existing infrastructure sufficient. Risk does not warrant additional conditions.

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.

3.3 Detailed risk assessment for tailings deposition into TSF2

3.3.1 Seepage

Following review of the report detailing the construction works for TSF2 stage 2A raise (REC 2021), the Delegated Officer considers that it has been constructed in a manner that is not expected to significantly increase seepage. The Delegated officer also notes that the seepage collection system has been modified to divert seepage reporting to the former (now backfilled) toe drain through pipes to the seepage collection sumps located past the downstream toe.

An increase in tailings level of 2.3m is however likely to incrementally increase the rate of seepage from the facility, due to the increased hydraulic head.

The Delegated Officer notes that there are existing concerns around seepage from this TSF, including non-compliances with existing licence conditions for standing water level and concentrations of some analytes in groundwater. A seepage management plan has been received by the Department and is currently under review. To allow time for detailed review and determining further actions required, the Delegated Officer has elected to deal with these matters during the next licence amendment, which is expected soon to authorise deposition into Stage 2B.

The Delegated Officer is of the view that the increase in seepage from the 2.3m increase in tailings height is unlikely to significantly change the environmental risk due to seepage from TSF2 operation, and existing licence conditions are adequate to regulate the seepage risk. It is noted that action is required by the Licence Holder to bring the operation into compliance with existing licence conditions. Improvement conditions and a review of the current monitoring network will be undertaken as part of the next amendment to ensure adequate seepage management and investigation.

The Delegated officer considers that it is **Possible** that there could be a **Moderate** environmental impact from increased seepage, due to the higher tailings level in TSF2. This results in a risk rating of **Medium**.

4. Consultation

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

Table 5: Consultation

Consultation method	Comments received	Department response
Department of Mines, Industry Regulation and Safety (DMIRS) advised of proposal 11/08/2021	DMIRS replied on 20/08/2021 stating that: <ul style="list-style-type: none"> - a Mining Proposal is under assessment for a downstream lift to TSF2. - clearing is proposed to be undertaken under 10 ha/yr clearing permit exemption for mining activities. The validity of this is being assessed by DMIRS. The first version of the Mining Proposal had omitted flora/fauna/biodiversity survey information for the proposed disturbance. This has been provided in the last week and will now be reviewed as part of DMIRS' assessment. 	Noted that mining proposal and validity of clearing exemption is being assessed by DMIRS. No assessment of clearing is undertaken as part of this assessment.
Licence Holder provided with draft amendment on 3/11/2021	Refer to Appendix 1	Refer to Appendix 1

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
-	Added category 52 to licence
1.2.3	Updated table 1.2.1 to <ul style="list-style-type: none"> • Remove text 'Lift to RL 399.0m at completion'. This refers to the originally assessed height of TSF2. The Delegated Officer notes that as the embankment construction and layout of TSF 2 has changed significantly from what was approved, and consequently any further embankment construction will require separate assessment and approvals. • remove reference to 'cell 1 and cell 2' as TSF2 is now only 1 cell
1.2.14	Updated table 1.2.6 <ul style="list-style-type: none"> • TSF2 point (a) updated to reflect current footprint (after stage 1A downstream lift) • TSF2 point (b) removed to avoid duplication with Table 1.2.1 • TSF2 point (d) - Figure reference corrected • Power plant added, with location reference
2.1.1	Added power plant as an emission point to air
-	Updated maps in Schedule 1 to show location of the power plant, and current TSF2 layout and footprint.

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. REC 2021, *Critical Containment Infrastructure Report Nullagine Gold Project, Western Australia Novo Resources Corp*, Carine, Western Australia. (DEC Document A2058191)

Appendix 1: Summary of Licence Holder's comments on risk assessment and draft conditions

Condition	Summary of Licence Holder's comment	Department's response
2.1.1; Table 2.1.1	Height and number of exhaust stacks from generators provided.	Added to table.
Schedule 1; Figures 2 and 7	Updated Figures provided as requested.	Figures in licence updated.
Amendment Report, page 2	Clarified that no monitoring bores have been damaged, but 3 VWPs have.	Noted. Damage to VWPs has been recorded as ICMS 62967. Monitoring requirements to remain on the licence.

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY – TSF raise				
Application type				
Amendment to licence	<input checked="" type="checkbox"/>	Current licence number:	L8675/2012/1	
		Relevant works approval number:		N/A
Date application received		11/06/2021		
Applicant and Premises details				
Applicant name/s (full legal name/s)		Millennium Minerals Limited		
Premises name		Nullagine Gold Operation		
Premises location		M46/186, M46/265, M46/436 & M46/444		
Local Government Authority		Shire of East Pilbara		
Application documents				
HPCM file reference number:		DWERDT464061		
Key application documents (additional to application form):		<i>Tailings Storage Facility 2 design report</i> <i>Third party geotechnical review</i>		
Scope of application/assessment				
Summary of proposed activities or changes to existing operations.		Construction of TSF2 downstream lift and pipeline relocation.		
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 or beneficiation of metallic or nonmetallic ore	2,000,000 tonnes per year	<i>Is there a proposed change to the previously assessed production or design capacity?</i>		
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"/> M46/436 Expiry: 2033 M46/444 Expiry: 2032
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	If N/A explain why? Mining Tenement
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: N/A Clearing proposed under 10HA exemption
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
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: GWL161702(10)
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: Pilbara Surface Water area Type: Proclaimed Surface Water Area Has Regulatory Services (Water) been consulted? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Regional office: North West
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
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"/>	Mining Proposal - under assessment
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A

Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input type="checkbox"/>	N/A
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Site close to TSF1 and plant Classification: possibly contaminated – investigation Date of classification: 25/06/2014

SECTION 1: APPLICATION SUMMARY – Power Plant

Application type

Amendment to licence	<input checked="" type="checkbox"/>	Current licence number:	L8675/2012/1		
		Relevant works approval number:		N/A	<input checked="" type="checkbox"/>
Date application received	28/07/2021				

Applicant and Premises details

Applicant name/s (full legal name/s)	Millennium Minerals Limited
Premises name	Nullagine Gold Operation – Golden Eagle Project
Premises location	Mining Tenement M46/186
Local Government Authority	Shire of East Pilbara

Application documents

HPCM file reference number:	DWERDT484396
Key application documents (additional to application form):	Category 52 supporting document

Scope of application/assessment

Summary of proposed activities or changes to existing operations.	Licence amendment Operation of power station To include category 52 to the licence.
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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	Proposed production or design capacity	Proposed changes to the production or design capacity (amendments only)
Category 52: Electric power generation on which electrical power is generated using fuel	10 MW in aggregate	N/A

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"/>	N/A
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Reference No: XX
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>Proof of occupancy status submitted with previous Licence Amendment (DWERDT464080) – 14 June 2021</i>
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Mining Tenement
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input type="checkbox"/> No <input type="checkbox"/>	CPS No: N/A 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 checked="" type="checkbox"/> No <input type="checkbox"/>	Application reference No: Licence: GWL161702(10)
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
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A
Is the Premises subject to any other Acts or subsidiary regulations	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Mining Act
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A

<p>Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i>?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	<p>Site close to TSF1 and plant Classification: possibly contaminated – investigation Date of classification: 25/06/2014</p>
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