Government of Western Australia
Department of Water and Environmental Regulation

Amendment Report

Application for Works Approval Amendment

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

Works Approval Number	W6750/2022/1
Works Approval Holder	Evolution Mining Limited
ACN	084 669 036
File Number	APP-0031839
Premises	Kundana Gold Mine Legal description – Mining tenements M16/72, M16/73, M16/87, M16/97, M16/157, M16/308, M16/309, M15/669, M15/993 M16/428, M24/924, L16/39, L16/105 and L16/106 As depicted in Schedule 1 of the Works Approval
Date of Report	5 March 2026
Decision	Revised works approval granted

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1. Decision summary

Works Approval W6750/2022/1 is held by Evolution Mining Limited (Works Approval Holder) for the Kundana Gold Mine (the Premises), located within mining tenements M16/72, M16/73, M16/87, M16/97, M16/157, M16/308, M16/309, M15/669, M15/993 M16/428, M24/924, L16/39, L16/105 and L16/106.

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 construction and operation of the Premises. As a result of this assessment, Revised Works Approval W6750/2022/1 has been granted.

The Revised Works Approval issued as a result of this amendment consolidates and supersedes the existing Works Approval previously granted in relation to the Premises.

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 15 October 2025, the Works Approval Holder submitted an application to the department to amend Works Approval W6750/2025/1 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The following amendments are being sought:

- Expansion of the existing Hornet dewatering pipeline network to enable discharge from Hornet Pit to either Pope John Pit or Kurrawang Pit, depending on operational requirements;
- Inclusion of the upcoming Golden Hind Pit within the dewatering network, with dewater to be transferred via the proposed Hornet pipeline;
- Expansion of the premises boundary to include new pits and;
- Extension of the works approval expiry date by 5 years to allow for construction of new pipelines.

This proposal consists of constructing a new 4.1 km dewatering pipeline with two potential discharge pathways. Firstly, by connection into the existing dewatering network for transfer to Pope John Pit and subsequent discharge to White Flag Lake or secondly, by discharging directly to the Kurrawang Pit.

The majority of dewater will continue to be discharged to White Flag Lake via Pope John Pit, consistent with the existing approval. Water directed to Kurrawang Pit may also be utilised for dust suppression. In addition, groundwater dewatered from the upcoming Golden Hind Open Pit will be directed into the Hornet pipeline.

The new dewatering pipeline connection will be place in containment bunds with sufficient capacity to contain spillage in the event of a pipeline failure. Daily inspections are also proposed to verify the integrity of pipes and bunds.

No changes to the assessed category 6 design capacity of 12,000,000 tonnes per annual period have been requested. This is due to the estimated groundwater inflows from the Hornet Open Pit that are predicted to be no more than 1,460,000 kL per year.

2.2.1 Other approvals

A Clearing Permit (CPS 9782/1) was approved by the Department of Mines, Petroleum and Exploration (DMPE) on 25 August 2022. The permit authorises vegetation clearing of up to 648 ha for the existing and proposed activities. An area of up to 1.6 ha is to be cleared for the new pipeline corridors.

A Mining Proposal (REG ID 500522) was also approved by DMPE on 8 September 2025 which includes the dewatering pipelines for the Hornet Project.

Water is to be extracted under Groundwater Licence GWL105884 (9) from the Goldfields Palaeochannel – Fractured Rock water resources, with an annual water entitlement of 16,888,000 kL.

Licence L9190/2019/2 is currently active over the Kundana area, for categories 5, 6, 12, 52 and 89. Both Pope John Pit and Kurrawang Pit are licensed discharge points under licence L9190/2019/2. An amendment of the licence will be sought to include the proposed additional dewatering pipelines once constructed.

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 Works Approval Holder has proposed to assist in controlling these emissions, where necessary.

Table 1: Works Approval Holder controls

Emission	Sources	Potential pathways	Proposed controls
Construction			
Dust	Construction of dewatering infrastructure	Air/windborne pathway	• Dust suppression used on haul roads and, as applicable, access tracks • Dust emissions are visually inspected and monitored at construction areas, with dust suppression applied where needed to minimise dust generation • Site training and induction of all personnel working in the area so that they are aware of when dust suppression is required

Emission	Sources	Potential pathways	Proposed controls
Time limited operations			

Rupture of pipeline causing hypersaline water discharge to land	Dewatering pipeline	Direct discharge onto land	• Dewatering pipelines will be constructed to meet the following standards:
			  ○ AS/NZS 2033:2008: Installation of polyethylene pipe systems,
			  ○ AS/NZS 4129:2008 Fittings for polyethylene (PE) pipes for pressure applications,
			  ○ AS/NZS 4130:2009 Polyethylene (PE) pipes for pressure applications, and
			  ○ AS/NZS 4131:2010 Polyethylene (PE) compounds for pressure pipes and fittings.
			• Pipeline constructed where possible adjacent to busy roads to increase visibility
			• Service and maintenance of pumps, breathers, isolation valves and flow meters
			• Bund and sump maintenance and upgrades when required
			• Daily pipeline inspections
			• Fit-for purpose containment bunds will assist to contain any spills and isolation valves will be used to prevent further discharge

Overtopping of hypersaline mine dewater in new discharge point (Kurrawang Pit)	Dewatering discharge into pits	Direct discharge	• Adherence to prescribed freeboard level including monitoring of high rainfall / flood events. • Abandonment and safety bunding around the pit crests which will limit the affected area should overtopping occur. • Ability to decrease discharge flowrate by increasing flowrate to other pits. • Daily visual inspection of freeboard level when discharging. • During operations and in the event of a spill, the Spill Management Procedure will be followed. • Remaining pit capacity is monitored when actively discharging.

Emission	Sources	Potential pathways	Proposed controls
Seepage from Kurrawang Pit	Dewatering discharge into pits	Infiltration into groundwater	No controls proposed by applicant.
Hydrocarbon discharge / spills	Vehicle movements / hydrocarbon storage	Direct discharge to land	In an event of a hydrocarbon spill: • The source will be stopped immediately, and the spill will be contained with additional bunding from the spill kit that will be in the vicinity • Any contaminated soil will be removed and disposed of appropriately by the service crew into a nearby bioremediation pad • Soil and water sampling will be carried out by the onsite Environment Department personnel to assess the extent of the contamination. Reports are to be provided to DWER in accordance with Section 72 of the EP Act. • Rehabilitation of the affected area will be carried out by the onsite Environmental Department personnel if required.

3.1.2 Receptors

In accordance with the *Guideline: Risk assessments* (DWER 2020), the Delegated Officer has excluded employees, visitors and contractors of the Works Approval 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 and Figures 1 and 2 below provide a summary of potential cultural 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)). As there are no human receptors within 10 km of the proposed activities, these receptors have been screened out of this risk assessment.

Table 2: Sensitive environmental and cultural receptors and distance from prescribed activity

Environmental receptors	Distance from prescribed activity
Threatened and priority flora (Priority 3)	A recent survey did not identify any Threatened of Priority species within the survey area (Botanica 2020). The Priority 3 species *Notisia intonsa* was not observed in this survey however has previously been recorded.

Environmental receptors	**Distance from prescribed activity**
Threatened Fauna Specially Protected – Migratory Fauna	Malleefowl: This species is occasionally recorded in the general area with the most recent record from 2017, with the species observed in the Bonnievale survey area (Terratree 2017). Habitat was reported as marginal or unsuitable for breeding, however occasional transients could potentially occur. No evidence of malleefowl activity (inactive or active mounds, tracks, feathers or bird observations etc.) were observed within the survey area.
Surface water bodies – Kopai Lake Surface water line – Major	Kopai Lake is located approximately 1.2 km southwest of the premises. The surface water line is located within 300 m of the Golden Hind Pit. The premises lies downstream of drainage lines from the west. Two major catchments drain from the north-west and south-west into Kopai Lake and a series of salt lakes (collectively Western Lake, Cattle Swamp and Kurrawang Lake) located west of Hornet. A smaller catchment reports to Kopai Lake from the south.
Groundwater	The regional water table is generally around 5 - 20m below surface in the Kundana area. The results of drilling indicate that the depth to water in the vicinity of the Project is at the deeper end of this range (10 - 20m). Groundwater quality is hypersaline, with total dissolved solids measured at 233,000–249,000 mg/L, pH around 6.2, and density approximately >1.15 g/cm³.
Cultural receptors	**Distance from prescribed activity**
<u>Registered Aboriginal Heritage Sites:</u> 1. Kundana Site 1 2. Bullock Hole 01 and 02 3. Bullock Hole 03: artefacts, scatter.	<u>Registered Aboriginal Heritage Sites:</u> 1. Approximately 2 km northwest of the Golden Hind Pit 2. Approximately 400 m and 800 m east of the Kurrawang Pit discharge point 3. Approximately 800 m north of the Kurrawang Pit discharge point
<u>Lodged Aboriginal Heritage Sites:</u> 1. Kajjee Darbal (Spear Trees) ceremonial, mythological, hunting place. 2. Park Dam 01	<u>Lodged Aboriginal Heritage Sites:</u> 1. Approximately 1.8 km north of the Golden Hind Pit 2. Approximately 1.2 km southeast of the Hornet Pit
<u>Historic Aboriginal Heritage Sites:</u> 1. Kundana Site 2 2. Kundana Site 3: Artefacts, scatter, midden. 3. Kopai Lakes	<u>Historic Aboriginal Heritage Sites:</u> 1. Within 100 m of the dewatering pipeline. 2. Approximately 1.4 km southeast of the Pope John Pit 3. Approximately 1.2 km southwest of the Hornet Pit
Historic sites have been screened out of the assessment as they are no longer registered sites.	

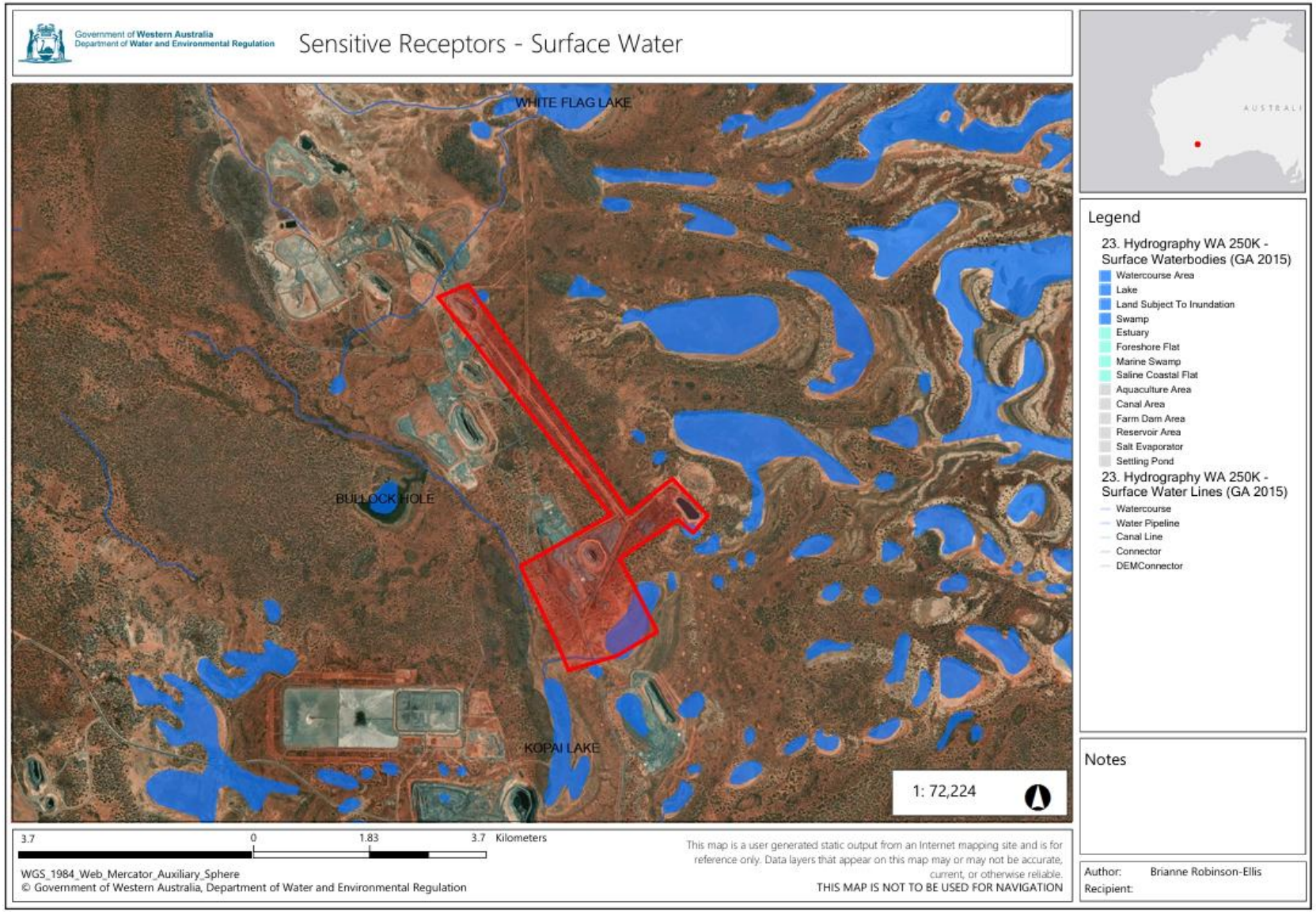

Figure 1: Sensitive receptors - Surface water

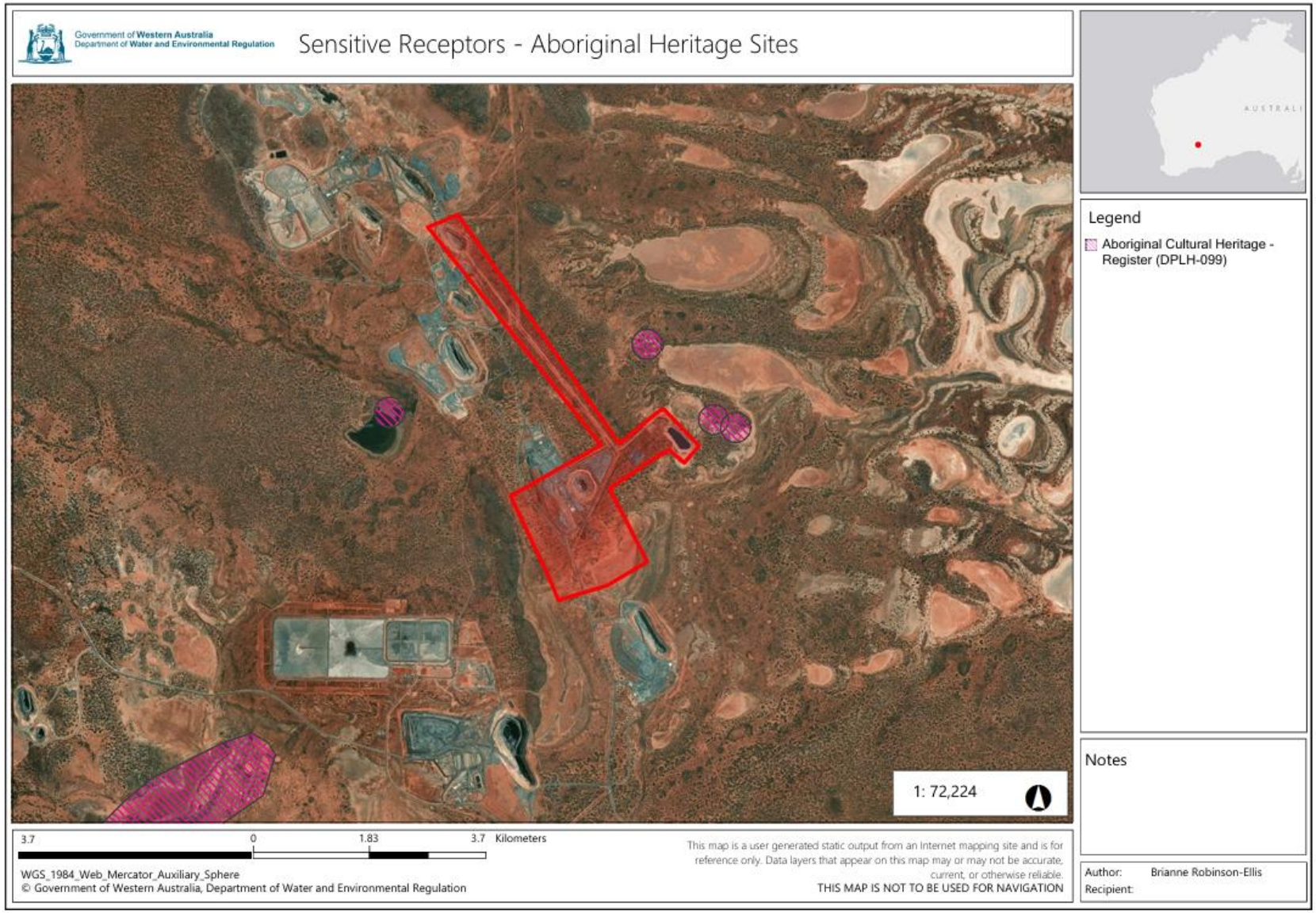

Figure 2: Sensitive receptors - Aboriginal Heritage Sites

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 Works Approval 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 Works Approval Holder's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the works approval as regulatory controls.

Additional regulatory controls may be imposed where the Works Approval 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 Works Approval W6750/2022/1 that accompanies this Amendment Report authorises construction and time-limited operations. The conditions in the Revised Works Approval have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

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. mine dewatering 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.

Table 3. Risk assessment of potential emissions and discharges from the Premises during construction and operation

Risk Event					Risk rating[1] C = consequence L = likelihood	Works Approval Holder's controls sufficient?	Conditions[2] of works approval	Justification for additional regulatory controls/ DWER comments
Source/Activities	**Potential emission**	**Potential pathways and impact**	**Receptors**	**Works Approval Holder's controls**				
Construction								
Construction of dewatering infrastructure (pipelines, bunds, pumps etc.)	Dust	**Pathway:** Air/windborne pathway **Impact:** Vegetation health and amenity, impacts to fauna health and habitat	Native vegetation Fauna Aboriginal heritage sites	Refer to Section 3.1	C = Slight L = Unlikely **Low Risk**	Y	N/A	N/A
Time Limited Operations								
Dewatering pipeline / operations	Rupture of pipeline causing hypersaline water discharge to land	**Pathway:** Direct discharge to soil and native vegetation **Impact:** Contamination and plant stress or death, impacts to fauna health or habitats, detriments to surface water quality, amenity impacts at heritage sites	Surface water bodies Threatened flora and fauna Aboriginal heritage sites	Refer to Section 3.1	C = Moderate L = Unlikely **Medium Risk**	Y	Condition 1	The applicant's controls have been conditioned. The Delegated Officer has conditioned the additional pipelines to be placed in v-drains with scour pits and to be constructed of HDPE.
Discharge to Kurrawang Pit	Seepage from Kurrawang Pit	**Pathway:** Seepage of hypersaline water to groundwater **Impact:** Decrease in groundwater quality and vegetation health	Soil Native vegetation Groundwater	Refer to Section 3.1	C = Moderate L = Unlikely **Medium Risk**	Y	Condition 7 and 8	The applicant has committed to maintaining a freeboard of 6 m and conducting daily inspections.

Risk Event					Risk rating[1] C = consequence L = likelihood	Works Approval Holder's controls sufficient?	Conditions[2] of works approval	Justification for additional regulatory controls/ DWER comments
Source/Activities	**Potential emission**	**Potential pathways and impact**	**Receptors**	**Works Approval Holder's controls**				
Discharge to Kurrawang Pit	Overtopping of Kurrawang Pit	**Pathway:** Direct discharge to soil and native vegetation **Impact:** Contamination and plant stress or death, detriment to fauna habitats, amenity impacts at heritage sites	Surface water bodies Threatened flora and fauna Aboriginal heritage sites	Refer to Section 3.1	C = Moderate L = Unlikely **Medium Risk**	Y	Condition 7 and 8	The applicant has committed to maintaining a freeboard of 6 m and conducting daily inspections.
Operation of dewatering equipment (pumps etc.)	Hydrocarbons spills or leaks	**Pathway:** Direct discharge to soil and native vegetation **Impact:** Contamination and plant / fauna stress or death	Soil Native vegetation Threatened flora and fauna	Refer to Section 3.1	C = Minor L = Rare **Low Risk**	Y	N/A	N/A

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guideline: Risk assessments* (DWER 2020).

Note 2: Proposed Works Approval Holder's controls are depicted by standard text. **Bold and underline text** depicts additional regulatory controls imposed by department.

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 on 12 January 2026	None received	N/A
Local Government Authority (Shire of Coolgardie) advised of proposal on 12 January 2026	The Shire of Coolgardie replied on 20 January 2026 confirming that the Shire has no objection to the proposed works approval amendment as long as all reasonable measures are taken to prevent the release of saline or contaminated water onto surrounding land. The Shire also confirmed that the proposal is consistent with local planning policies, it is unlikely to impact on any European or Aboriginal Heritage Places and no Threatened/ Priority flora and fauna are recorded within or in proximity to the premises.	The Delegated Officer notes the Shires comment. Conditions 1, 7 and 8 of works approval W6750/2022/1 apply to the additional dewatering pipelines and ensure the works approval holder takes measures to prevent the release of saline or contaminated water onto surrounding land (refer to Table 3).
Department of Planning, Lands and Heritage (DPLH) advised of proposal on 12 January 2026.	The Department of Planning, Lands and Heritage (DPLH) provided comment on 27 January 2026. DPLH confirmed that the prescribed premises does not intersect with any known Aboriginal heritage Places or Registered Site. Therefore, no approvals under the *Aboriginal Heritage Act 1972* (AHA) are required. DPLH noted that limited Aboriginal heritage surveys have been completed over the subject land and, as such, it is unknown if there is Aboriginal cultural heritage present. Therefore, the applicant needs to be made aware of their obligations under the AHA.	The Delegated Officer notes the comments from DPLH. The Delegated Officer notes that the onus rests with the Works Approval Holder to ensure compliance with all relevant regulatory bodies.
Maduwongga People advised of proposal on 12 January 2026	None received	N/A
Marlinyu Ghoorlie Aboriginal Corporation advised of proposal on 12 January 2026	None received	N/A
Works Approval Holder was provided with draft amendment on 13 February 2026	The Works Approval Holder confirmed the proposed controls for dust and hydrocarbon emissions listed in Table 1 are correct. On 5 March 2026, the Works Approval Holder waived the rest of the consultation period.	N/A

5. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that a Revised Works Approval 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 Works Approval as part of the amendment process.

Table 5: Summary of works approval amendments

Condition no.	Proposed amendments
Cover page	Amendment of dates and addition of amendment details in the works approval history table.
Condition 1 – Table 1	Addition of Golden Hind Pit, Kurrawang Pit and pipelines to construction and installation requirements (Table 1).
Condition 6	Addition of Kurrawang Pit in the time limited operations condition.
Condition 7 – Table 2	Addition of Kurrawang Pit in Table 2 to authorise operational requirements during time limited operations.
Condition 8	Addition of Golden Hind Pit and Kurrawang Pit monitoring requirements in Table 3.
Schedule 1: Maps	Updated figures showing new pipelines, pits and extended premises boundary.

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. Botanica Consulting (Botanica) 2020, *Kundana Reconnaissance Flora/Vegetation Survey and Basic Fauna Survey*. Prepared for Northern Star Resources Ltd.
5. Terratree Pty Ltd 2017, *Bonnievale Flora and Vegetation Assessment*. Unpublished report prepared on behalf of Focus Minerals Ltd.