



Partial Decision Document

Environmental Protection Act 1986, Part V

Licensee: Koolan Iron Ore Pty Ltd

Licence: L8148/2006/4

Registered office: First Floor
2 Kings Park Rd
WEST PERTH WA 6872

ACN: 099 455 277

Premises address: Koolan Iron Ore Mine and Port Facility
Mining Tenements M04/416, M04/417 and L04/29
KOOLAN ISLAND (BUCCANEER ARCHIPELAGO) WA 6733

Issue date: Thursday, 12 June 2014

Commencement date: Wednesday, 18 June 2014

Expiry date: Tuesday, 17 June 2025

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER) has decided to issue an amended Licence. DER considers that in reaching this decision, it has taken into account all relevant considerations.

Decision Document prepared by: Paul Anderson
Licensing Officer

Decision Document authorised by: Alana Kidd
Manager Licensing



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1 Purpose of this Document

This decision document explains how DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986* (EP Act). Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.



2 Administrative summary

Administrative details		
Application type	Works Approval <input type="checkbox"/> New Licence <input type="checkbox"/> Licence amendment <input checked="" type="checkbox"/> Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed design capacity
	5	50,000 tonnes per annual period
	6	50,000 tonnes per annual period
	12	50,000 tonnes per annual period
	54	100 cubic metres or more per day
	58	100 tonnes per day
	64	20 tonnes per annual period
	73	1000 cubic metres in aggregate
Application verified	Date: Not applicable	
Application fee paid	Date: Not applicable	
Works Approval has been complied with	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Commercial-in-confidence claim	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Commercial-in-confidence claim outcome	Not applicable	
Is the proposal a Major Resource Project?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input checked="" type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Ministerial statement No: 715 EPA Report No: 1203
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Department of Water consulted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Is the Premises within an Environmental Protection Policy (EPP) Area Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, include details here, e.g. Site is subject to SO ₂ requirements of Kwinana EPP.		



3 Executive summary of proposal and assessment

Koolan Iron Ore Pty Ltd has advised DER that the Koolan Iron Ore Mine and Port Facility was placed into care and maintenance on the 31 March 2016. All iron ore processing, dewatering and bulk loading has ceased at the Premises. The sewage facility and landfill will remain operational however at nominal throughputs as there will only be up to ten staff located at the Premises for maintenance purposes. The total volume of fuel stored at the Premises has been reduced to less than 1,000 cubic metres.

Koolan Iron Ore Pty Ltd has applied to DER to have their Licence amended to reduce the approved production limits for each Licence category to the minimum threshold amounts for when a licence is required as set out in Schedule 1 of the *Environmental Protection Regulation 1987*.

Also as part of this Licence amendment, the Licence duration has been extended as part of the licence expiry date amendment process. Monitoring requirements of the licence remain unchanged.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987* and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

DECISION TABLE			
Licence section	Condition number L= Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Licence	N/A	Categories 5,6,12,54,58,64 and 73 have been reduced to the minimum threshold amounts as set out in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> .	Amendment supporting documentation <i>Environmental Protection Regulations 1987</i>
Premises operation	L1.3.2 and L1.3.5	Condition 1.3.2 has been amended by reducing the quantity limit set out in Table 1.3.1 from 4,500 to 20 tonnes per annual period. Only small amounts of waste are expected to be generated from a small number of maintenance staff located at the Premises. Condition 1.3.5 has been amended by reducing the production or design capacity limits for each category to the minimum amounts set out in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> . The sewage facility (category 54) will continue to be used at the Premises during care and maintenance however only nominal amounts of waste is expected to be treated from a small number of maintenance staff located at the Premises.	Amendment supporting documentation <i>Environmental Protection Regulations 1987</i>
Licence duration	N/A	The Licence expiry date has been extended to the 17 June 2025 in the context of the Guidance Statement, Licence Duration (DER, 2015).	Guidance Statement, Licence Duration (DER, 2015)



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
5/5/2016	Draft Licence amendment sent to Licensee for comment	Waiver received 12/5/2016. No comments received	N/A
19/5/2016	Licence amendment issued	N/A	N/A



6 Risk Assessment

Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management

Table 1: Emissions Risk Matrix

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Moderate	High	High	Extreme	Extreme
Likely	Moderate	Moderate	High	High	Extreme
Possible	Low	Moderate	Moderate	High	Extreme
Unlikely	Low	Moderate	Moderate	Moderate	High
Rare	Low	Low	Moderate	Moderate	High