



Works Approval

Environmental Protection Act 1986, Part V

Works Approval Holder: Boral Resources (WA) Ltd

Works Approval Number: W4481/2008/1

Registered office: 63-69 Abernathy Road
BELMONT WA 6104

ACN: 008 686 904

Premises address: Northampton Hardrock Aggregate Quarry
Lot 29 on Plan 232355, Lot 52 on Plan 138083, and Lot 7890 on Plan
143950 Hatch Road
BOWES WA 6535
as depicted in Schedule 1.

Issue date: Thursday, 17 September 2009

Commencement date: Thursday, 24 September 2009

Expiry date: Sunday, 23 September 2018

The following category/s from the *Environmental Protection Regulations 1987* cause this Premises to be a prescribed premises for the purposes of the *Environmental Protection Act 1986*:

Category number	Category description	Category production or design capacity	Approved premises production or design capacity
12	Screening etc. of material: premises (other than premises within category 5 or 8) on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated.	50,000 tonnes or more per year	200,000 tonnes per annual period

Conditions

This Works Approval is subject to the conditions set out in the attached pages.

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Alana Kidd

Manager - Licensing (Resource Industries)
Officer delegated under section 20
of the *Environmental Protection Act 1986*



Works Approval Conditions

1 General

1.1 Interpretation

1.1.1 In the Works Approval, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 In the Works Approval, unless the contrary intention appears:

'Act' means the *Environmental Protection Act 1986*;

'annual period' means the inclusive period from 24 September until 23 September in the following year;

'CEO' means Chief Executive Officer of the Department of Environment Regulation;

'CEO' for the purpose of correspondence means;
Chief Executive Officer
Department Administering the Environmental Protection Act 1986
Locked Bag 33
CLOISTERS SQUARE WA 6850
Email: info@der.wa.gov.au

'construction work' has the same meaning as described in the *Environmental Protection (Noise) Regulations 1987*;

'Premises' means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Works Approval;

'Schedule 1' means Schedule 1 of this Works Approval unless otherwise stated;

'Works Approval' means this Works Approval numbered W4481/2008/1 and issued under the Act; and

'Works Approval Holder' means the person or organisation named as the Works Approval Holder on page 1 of the Works Approval.

1.1.3 Any reference to an Australian or other standard in the Works Approval means the relevant parts of the standard in force from time to time during the term of this Works Approval.

1.1.4 Any reference to a guideline or code of practice in the Works Approval means the current version of the guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guidelines or code of practice made during the term of this Works Approval.

1.2 General conditions

1.2.1 The Works Approval Holder shall construct the works in accordance with the documentation detailed in Table 1.2.1:



Table 1.2.1: Construction Requirements¹

Document	Parts	Date of Document
Works Approval Application Form	All	4 September 2008
Mining Proposal: Granite Hardrock Excavation, Lots 29, 52 and 7890 Hatch Road Bowes, Shire of Northampton, August 2008, Boral Resources (W.A.) Limited;	All, including Drawings and Appendices	August 2008
Mining Proposal: Granite Hardrock Excavation, Lots 29, 52 and 7890 Hatch Road Bowes, Shire of Northampton, Part 2 Appendices, August 2008, Boral Resources (W.A.) Limited	All, including Drawings and Appendices	August 2008
Email Transmittal dated 13 August 2009, titled 'Proposed Boral Hard Rock Quarry, Northampton Response to DEC Queries', Tim Reynolds	All	13 August 2009
Department of Environmental Regulation Form P4: Application to transfer or amend a licence, works approval or registration, Boral Resources (WA) Ltd	All	19 June 2015

Note 1: Where the details and commitments of the documents listed in condition 1.2.1 are inconsistent with any other condition of this works approval, the conditions of this works approval shall prevail.

1.3 Premises operation

- 1.3.1 The Works Approval holder shall only undertake construction work at the Premises between the hours of 0700 to 1900 hours Monday to Saturday (excluding Public Holidays).
- 1.3.2 The Works Approval holder shall construct the initial strategic noise bunds in accordance with condition 1.2.1, and as detailed in Schedule 1.

2 Information

2.1 Records

- 2.1.1 The Works Approval Holder shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

2.2 Reporting

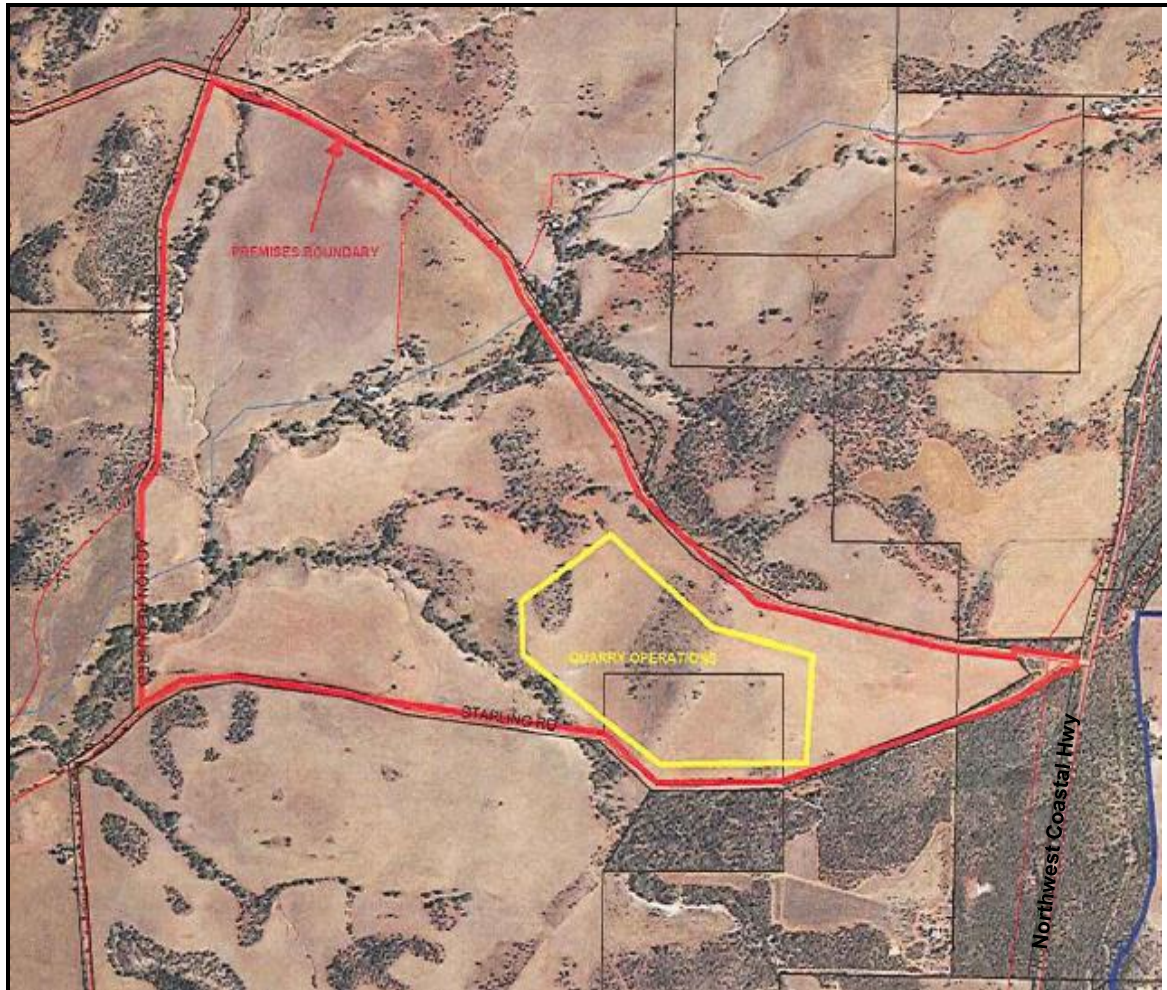
- 2.2.1 The Works Approval Holder shall submit a compliance document to the CEO, following the construction of the works and prior to commissioning of the same.
- 2.2.2 The compliance document shall:
- (a) certify that the works were constructed in accordance with the conditions of the Works Approval; and
 - (b) be signed by a person authorised to represent the Works Approval Holder and contain the printed name and position of that person within the company.



Schedule 1: Maps

Premises map

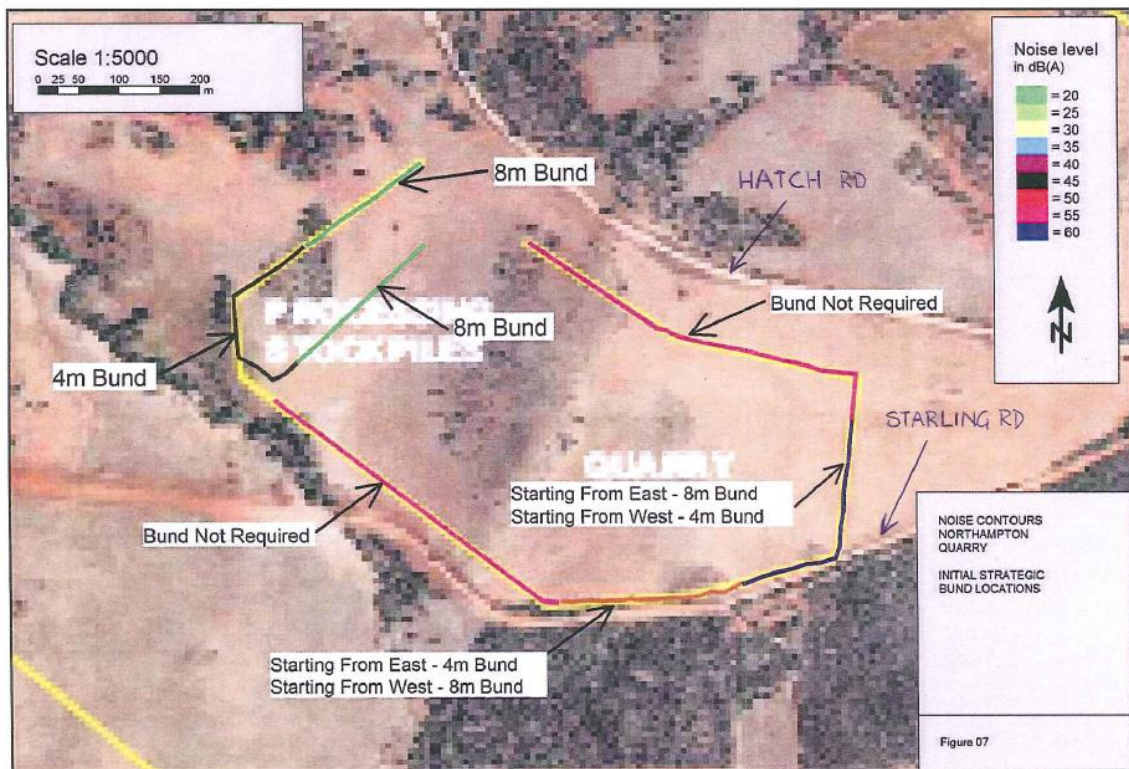
The Premises is shown in the map below. The red line depicts the Premises boundary.





Map of noise bunds

The location of the strategic noise bunds defined in condition 1.3.2 are shown below.





Decision Document

Environmental Protection Act 1986, Part V

Proponent: Boral Resources (WA) Ltd

Works Approval: W4481/2008/1

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BELMONT WA 6104

ACN: 008 686 904

Premises address: Northampton Hardrock Aggregate Quarry
Lot 29 on Plan 232355, Lot 52 on Plan 138083, and Lot 7890 on Plan 143950
Hatch Road
BOWES WA 6535

Issue date: Thursday, 17 September 2009

Commencement date: Thursday, 24 September 2009

Expiry date: Sunday, 23 September 2018

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER) has decided to issue an amended Works Approval. DER considers that in reaching this decision, it has taken into account all relevant considerations and that the Works Approval and its conditions will ensure that an appropriate level of environmental protection is provided.

Decision Document prepared by: Paul Anderson
Licensing Officer

Decision Document authorised by: Alana Kidd
Manager - Licensing (Resource Industries)



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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*. 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 type="checkbox"/> Works Approval amendment <input checked="" type="checkbox"/>	
Activities that cause the premises to become prescribed premises	Category number(s)	Assessed design capacity
	12	200,000 tonnes per annual period
Application verified	Date: N/A	
Application fee paid	Date: N/A	
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		
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:
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 ☐ No ☒

If Yes include details of which EPP(s) here.

Is the Premises subject to any EPP requirements? Yes ☐ No ☒

If Yes, include details here, e.g. Site is subject to SO₂ requirements of Kwinana EPP.

3 Executive summary of proposal and assessment

Boral Resources (WA) Ltd (Boral) was issued Works Approval W4481/2008/1 on the 24 September 2009 for the Northampton Hardrock Aggregate Quarry.

Boral applied on the 7 September 2012 to have their Works Approval amended by extending the expiry date for a further three years. The Works Approval was amended with a new expiry date of 23 September 2015.

Boral has again applied for a further three year extension to the expiry date of their Works Approval. The new expiry date will be the 23 September 2018. At the time of this amendment application, no works have been undertaken at the Premises.

No changes to the original application are proposed and this amendment only relates to an extension to the expiry date. DER has not re-assessed the acceptability or impacts of emissions and discharges from the Premises. Where conditions have been added or removed from the existing Works Approval these are justified in Section 4.

DER has determined that there are no issues resulting from this amendment that require restricting the extension of Works Approval W4481/2008/1 for an additional three years.

The Works Approval Holder does not currently hold a Licence for the Project and are advised to apply to DER prior to the completion of commissioning.



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			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
General conditions	W1.2.1 Licence conditions proposed	<p>Construction Condition 1.2.1 replaces condition 1 from the previous Works Approval.</p> <p>Additional definitions have been included in the interpretation section.</p> <p>Operation A condition to ensure all pollution and monitoring equipment is operated and maintained in accordance with the manufacturer's specifications is proposed in the Licence.</p> <p>A condition requiring recovery or removal and disposal of spills of environmentally hazardous materials outside an engineered containment system is proposed in the Licence.</p> <p>A condition for the treatment of contaminated stormwater prior to discharge, and implementation of measures to prevent stormwater becoming contaminated, is proposed for the Licence.</p>	<p>Application supporting documentation</p> <p>General provisions of the <i>Environmental Protection Act 1986</i>.</p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>.</p>



DECISION TABLE			
Works Approval / Licence section	Condition number W = Works Approval L = Licence	Justification (including risk description & decision methodology where relevant)	Reference documents
Premises operation	W1.3.1 and W1.3.2 Licence conditions proposed	Construction Condition 1.3.1 replaces condition 2 from the previous Works Approval. Condition 1.3.2 replaces condition 3 from the previous Works Approval. Operation Conditions that relate to restricted operational hours and days of the Premises are proposed in the Licence.	Application supporting documentation General provisions of the <i>Environmental Protection Act 1986</i> .
Information	W2.1.1 W2.2.1 to W2.2.2 Licence conditions proposed	Construction Condition 2.1.1 replaces condition 4 from the previous Works Approval. Conditions 2.2.1 and 2.2.2 replace condition 5 from the previous Works Approval. Operation Reporting and notification conditions are proposed for the Licence.	Application supporting documentation General provisions of the <i>Environmental Protection Act 1986</i> .
Duration	N/A	DER has determined that there are no issues resulting from this amendment that require restricting the extension the Works Approval W4481/2008/1 for a further three years. The new expiry date will be 23 September 2018.	N/A



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
10/9/2015	Proponent sent a copy of draft instrument (21 day letter package)	Waiver form received. No comments	-



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