



Licence Number	L6930/1986/12
Licence Holder	Boral Resources (WA) Ltd
ACN	008 686 904
Registered business address	130 Fauntleroy Avenue PERTH AIRPORT WA 6105
File Number	DER2017/001645
Licence Duration	15/07/2011 to 06/08/2028
Date of amendment	25 January 2019
Prescribed Premises	Category 12
Premises	Boral Toodyay Hard Rock Quarry Lot 111 Cobbler Pool Road, TOODYAY

This Licence is granted to the Licence Holder, subject to the following conditions, on 22 January 2019, by:

Tim Gentle

Manager Licensing – Resources Industries

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

Explanatory notes

These explanatory notes do not form part of this Licence.

Defined terms

Definition of terms used in this Licence can be found at the start of this Licence. Terms which are defined have the first letter of each word capitalised throughout this Licence.

Department of Water and Environmental Regulation

The Department of Water and Environmental Regulation (DWER) is established under section 35 of the *Public Sector Management Act 1994* and designated as responsible for the administration of Part V, Division 3 of the *Environmental Protection Act 1986* (WA) (EP Act). The Department also monitors and audits compliance with licences, takes enforcement action and develops and implements licensing and industry regulation policy.

Licence

Section 56 of the EP Act provides that an occupier of Prescribed Premises commits an offence if Emissions are caused or increased, or permitted to be caused or increased, or Waste, noise, odour or electromagnetic radiation is altered, or permitted to be altered, from Prescribed Premises, except in accordance with a works approval or licence.

Categories of Prescribed Premises are defined in Schedule 1 of the *Environment Protection Regulations 1987* (WA) (EP Regulations).

This Licence does not authorise any activity which may be a breach of the requirements of another statutory authority including, but not limited to the following:

- conditions imposed by the Minister for Environment under Part IV of the EP Act;
- conditions imposed by DWER for the clearing of native vegetation under Part V, Division 2 of the EP Act;
- any requirements under the *Waste Avoidance and Resource Recovery Act 2007*;
- any requirements under the *Environmental Protection (Controlled Waste) Regulations 2004*; and
- any other requirements specified through State legislation.

It is the responsibility of the Licence Holder to ensure that any action or activity referred to in this Licence is permitted by, and is carried out in compliance with, other statutory requirements.

The Licence Holder must comply with the Licence. Contravening a Licence Condition is an offence under s.58 of the EP Act.

Responsibilities of a Licence Holder

Separate to the requirements of this Licence, general obligations of Licence Holders are set out in the EP Act and the regulations made under the EP Act. For example, the Licence Holder must comply with the following provisions of the EP Act:

- the duties of an occupier under section 61; and
- restrictions on making certain changes to Prescribed Premises unless the changes are in accordance with a works approval, Licence, closure notice or environmental protection notice (s.53).

Strict penalties apply for offences under the EP Act.

Reporting of incidents

The Licence Holder has a duty to report to DWER all discharges of waste that have caused or are likely to cause Pollution, Material Environmental Harm or Serious Environmental Harm, in accordance with s.72 of the EP Act.

Offences and defences

The EP Act and its regulations set out a number of offences, including:

- Offence of emitting an Unreasonable Emission from any Premises under s.49.
- Offence of causing Pollution under s.49.
- Offence of dumping Waste under s.49A.
- Offence of discharging Waste in circumstances likely to cause Pollution under s.50.
- Offence of causing Serious Environmental Harm (s.50A) or Material Environmental Harm (s.50B).
- Offence of causing Emissions which do not comply with prescribed standards (s.51).
- Offences relating to Emissions or Discharges under regulations prescribed under the EP Act, including materials discharged under the *Environmental Protection (Unauthorised Discharges) Regulations 2004 (WA)*.
- Offences relating to noise under the *Environmental Protection (Noise) Regulations 1997 (WA)*.

Section 53 of the EP Act provides that a Licence Holder commits an offence if emissions are caused, or altered from a Prescribed Premises unless done in accordance with a Works Approval, Licence or the requirements of a Closure Notice or an Environmental Protection Notice.

Defences to certain offences may be available to a Licence Holder and these are set out in the EP Act. Section 74A(b)(iv) provides that it is a defence to an offence for causing Pollution, in respect of an Emission, or for causing Serious Environmental Harm or Material Environmental Harm, or for discharging or abandoning Waste in water to which the public has access, if the Licence Holder can prove that an Emission or Discharge occurred in accordance with a Licence.

This Licence specifies the Emissions and Discharges, and the limits and Conditions which must be satisfied in respect of Specified Emissions and Discharges, in order for the defence to offence provision to be available.

Authorised Emissions and Discharges

The Specified and General Emissions and Discharges from Primary Activities conducted on the Prescribed Premises are authorised to be conducted in accordance with the Conditions of this Licence.

Emissions and Discharges caused from other activities not related to the Primary Activities at the Premises have not been conditioned in this Licence. Emissions and Discharges from other activities at the Premises are subject to the general provisions of the EP Act.

Amendment of licence

The Licence Holder can apply to amend the Conditions of this Licence under s.59 of the EP Act. An application form for this purpose is available from DWER.

The CEO may also amend the Conditions of this Licence at any time on the initiative of the CEO without an application being made.

Amendment Notices constitute written notice of the amendment in accordance with s.59B(9) of the EP Act.

Duration of Licence

The Licence will remain in force for the duration set out on the first page of this Licence or until it is surrendered, suspended or revoked in accordance with s.59A of the EP Act.

Suspension or revocation

The CEO may suspend or revoke this Licence in accordance with s.59A of the EP Act.

Fees

The Licence Holder must pay an annual licence fee. Late payment of annual licence fees may result in the licence ceasing to have effect. A licence that has ceased to have effect due to non-payment of annual licence fees continues to exist; however, it ceases to provide a defence to an offence under s.74A of the EP Act.

Late fees are a component of annual licence fees and should a Licence Holder fail to pay late fees within the time specified the licence will similarly cease to have effect.

Definitions and interpretation

Definitions

In this Licence, the terms in Table 1 have the meanings defined.

Table 1: Definitions

Term	Definition
ACN	Australian Company Number
Annual Period	means a 12 month period commencing from 1 July until 31 June
Books	has the same meaning given to that term under the EP Act
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department Administering the <i>Environmental Protection Act 1986</i> Locked Bag 33 Cloisters Square PERTH WA 6850 info@dwer.wa.gov.au
Compliance Report	means a report in a format approved by the CEO as presented by the Licence Holder or as specified by the CEO (guidelines and templates may be available on the Department's website).
Condition	means a condition to which this Licence is subject under s.62 of the EP Act
Department	means the department established under s.35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act
Department Request	means a request for Books or other sources of information to be produced, made by an Inspector or the CEO to the Licence Holder in writing and sent to the Licence Holder's address for notifications, as

	<p>described at the front of this Licence, in relation to:</p> <ul style="list-style-type: none"> (a) compliance with the EP Act or this Licence; (b) the Books or other sources of information maintained in accordance with this Licence; or (c) the Books or other sources of information relating to Emissions from the Premises.
Discharge	has the same meaning given to that term under the EP Act
Emission	has the same meaning given to that term under the EP Act
Environmental Harm	has the same meaning given to that term under the EP Act
EP Act	means the <i>Environmental Protection Act 1986</i> (WA)
EP Regulations	means the <i>Environmental Protection Regulations 1987</i> (WA)
Implementation Agreement or Decision	has the same meaning given to that term under the EP Act
Inspector	means an inspector appointed by the CEO in accordance with s.88 of the EP Act
Licence	refers to this document, which evidences the grant of a Licence by the CEO under s.57 of the EP Act, subject to the Conditions
Licence Holder	refers to the occupier of the premises being the person to whom this Licence has been granted, as specified at the front of this Licence
Material Change	<p>means a change to the activities carried out on the Premises as described by the Primary Activities set out in Schedule 2 and:</p> <ul style="list-style-type: none"> (a) that may result in an increased risk to public health, amenity or the environment; and (b) includes the types of changes specified in Schedule 2; and (c) does not include the excluded changes specified in Schedule 2.
Material Environmental Harm	has the same meaning given to that term under the EP Act
Noise Regulations	means the <i>Environmental Protection (Noise) Regulation 1997</i>
Pollution	has the same meaning given to that term under the EP Act
Premises	refers to the premises to which this Licence applies, as specified at the front of this Licence and as shown on the map in Schedule 1 to this Licence
Prescribed Premises	has the same meaning given to that term under the EP Act
Primary Activities	refers to the Prescribed Premises activities listed on the front of this

	Licence as described in Schedule 2, at the locations shown in Schedule 1
Reportable Event	means an exceedance above the target limit specified in Column 4 of Table 4
Serious Environmental Harm	has the same meaning given to that term under the EP Act
Unreasonable Emission	has the same meaning given to that term under the EP Act
Waste	has the same meaning given to that term under the EP Act.

Interpretation

In this Licence:

- (a) the words 'including', 'includes' and 'include' will be read as if followed by the words 'without limitation';
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a Condition, each row in a table constitutes a separate Condition;
- (d) any reference to an Australian or other standard, guideline or code of practice in this Licence means the version of the standard, guideline or code of practice in force at the time of granting of this Licence and includes any amendments to the standard, guideline or code of practice which may occur from time to time during the course of the Licence; and
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act.

Conditions

Emissions

1. The Licence Holder must not cause any Emissions from the Primary Activities on the Premises except for specified Emissions and general Emissions described in Column 1 of Table 2 subject to the exclusions, limitations or requirements specified in Column 2 of Table 2.

Table 2: Authorised Emissions table

Column 1	Column 2
Emission Type	Exclusions/Limitations/Requirements
Specified Emissions/Discharges	
Stormwater	Subject to compliance with Conditions 3 to 6
General Emissions (excluding Specified Emissions)	
<p>Emissions which:</p> <ul style="list-style-type: none"> • arise from the Primary Activities set out in Schedule 2. 	<p>Emissions excluded from General Emissions are:</p> <ul style="list-style-type: none"> • Unreasonable Emissions; or • Emissions that result in, or are likely to result in, Pollution, Material Environmental Harm or Serious Environmental Harm; or • Discharges of Waste in circumstances likely to cause Pollution; or • Emissions that result, or are likely to result in, the Discharge or abandonment of Waste in water to which the public has access; or • Emissions or Discharges which do not comply with an Approved Policy; or • Emissions or Discharges which do not comply with a prescribed standard; or • Emissions or Discharges which do not comply with the conditions in an Implementation Agreement or Decision; or • Emissions or Discharges the subject of offences under regulations prescribed under the EP Act, including materials discharged under the <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>.

Infrastructure and equipment

2. The Licence Holder must ensure that the infrastructure and equipment specified in Column 1 of Table 3 is maintained in good working order and operated in accordance with the requirements specified in Column 2 of Table 3.

Table 3: Infrastructure and equipment controls table

Column 1	Column 2
Site infrastructure and equipment	Operational requirements
Crushing and screening plant	<ul style="list-style-type: none"> Process no more than 500,000 tonnes per year; Shall be positioned in the southern portion of the Premises (as indicated in Schedule 1); and Fitted with fogging and surface wetting sprays at material transfer points, such as on conveyors, bins, crushers and screens, during operations.
Drainage management	<ul style="list-style-type: none"> Stormwater retention/sedimentation basins shall have sufficient storage capacity to accommodate a one in ten year 1 hour rainfall event over a 24-hour period and allow adequate retention time to reduce suspended sediment load prior to discharge off-site; Stormwater discharge from the Premises shall not exceed the limit specified in Column 4 of Table 4 at the monitoring location specified in Column 3 of Table 4; and Water diversion bunds or levees shall be established and maintained around crushing and screening and materials stockpiling areas and hydrocarbon storage areas to prevent contamination of clean stormwater.
Hydrocarbon storage facilities	<ul style="list-style-type: none"> Fuel to be stored in self-bunded tank in accordance with Australian Standard (AS) 1940 – 2004 'The Storage and Handling of Flammable and Combustible Liquids'; Spill management equipment, such as spill kits, shall be available in the fuel storage area; Spill kits shall have sufficient quantities of absorbent materials, equipment for recovering spilled materials and containers for storing recovered materials; and Spills to be contained immediately and

Column 1	Column 2
Site infrastructure and equipment	Operational requirements
	removed within 24 hours to minimize potential for contamination.
Machinery	<ul style="list-style-type: none"> Shall comply with the <i>Environmental Protection (Noise) Regulations 1997</i>
Water cart/sprays	<ul style="list-style-type: none"> Available at all times for purposes of dust suppression when any earthmoving, crushing, screening, or cartage activities are occurring. Operated when visible dust is generated. Operated proactively subject to weather forecasting over a 24 hour period.

Monitoring

3. The Licence Holder must monitor stormwater discharges from the Premises for the parameters specified in Column 1 in units specified in Column 2 from the location specified in Column 3 of Table 4. Stormwater discharges must be calculated as an average over the period specified in Column 5, at the frequency specified in Column 6.

Table 4: Stormwater discharge monitoring table

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Parameter	Units	Location	Limit	Averaging period	Frequency
Total suspended solids (TSS)	mg/L	Discharge Point	80	Spot sample	Monthly

4. The Licence Holder must ensure:
- monthly monitoring is undertaken at least 15 days apart;
 - all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured; and
 - monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications.

Specified Action

5. The Licence Holder must ensure the maximum storage capacity of sedimentation ponds on the Premises is maintained in accordance with the requirements set out in Table 5.

Table 5: Management controls to manage the risk of contaminated stormwater discharges

Management Controls	
Maintain storage capacity of stormwater retention / sedimentation basins	During operations, inspect the stormwater retention basins/ponds on at least a monthly basis and remove particulates/sediment material as necessary.

Record-keeping, reporting and notification

6. The Licence Holder must maintain accurate and auditable Books including the following records, information, reports and data required by this Licence:
 - (a) the calculation of fees payable in respect of this Licence;
 - (b) the works conducted in accordance with Condition 2 of this Licence;
 - (c) the maintenance of infrastructure required to ensure that it is kept in good working order in accordance with Condition 2 of this Licence;
 - (d) monitoring undertaken in accordance with Condition 3 and 4 of this Licence;
 - (e) a written record of actions taken in accordance with Table 5, with each record signed by the responsible person;
 - (f) Reportable Events reported in accordance with Condition 7 of this Licence; and
 - (g) complaints received under Condition 8 of this Licence.

In addition, the Books must:

 - (h) be legible;
 - (i) if amended, be amended in such a way that the original and subsequent amendments remain legible and are capable of retrieval;
 - (j) be retained for at least 3 years from the date the Books were made; and
 - (k) be available to be produced to an Inspector or the CEO.
7. The Licence Holder must notify the CEO, as soon as practicable but no later than 5:00pm on the next Usual Working Day, of an exceedance of the parameter limit specified in Column 4 of Table 4.
8. The Licence Holder must record the number and details of any complaints received by the Licence Holder relating to its obligations under this Licence and its compliance with Part V of the EP Act at the Premises, and any action taken by the Licence Holder in response to the complaint. Details of complaints must include:
 - (a) an accurate record of the concerns or issues raised, for example a copy of any written complaint or a written note of any verbal complaints made;
 - (b) the name and contact details of the complainant, if provided by the complainant;

- (c) the date of the complaint; and
 - (d) the details and dates of the actions taken by the Licence Holder in response to the complaints.
- 9.** The Licence Holder must submit to the CEO, no later than 31 August each year, an Annual Environmental Report (AER). The AER shall contain information regarding site activity during the preceding Annual Period including:
- (a) total annual production;
 - (b) summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred and complaints received and any action taken; and
 - (c) the results of the monitoring required by Condition 3 and 4.
- 10.** The Licence Holder must submit to the CEO, no later than 31 August each year, a Compliance Report indicating the extent to which the Licence Holder has complied with the Conditions in this Licence for the preceding Annual Period.
- 11.** The Licence Holder must comply with a Department Request, within 14 days from the date of the Department Request or such other period as agreed to by the Inspector or the CEO.

Schedule 1: Premises Map

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

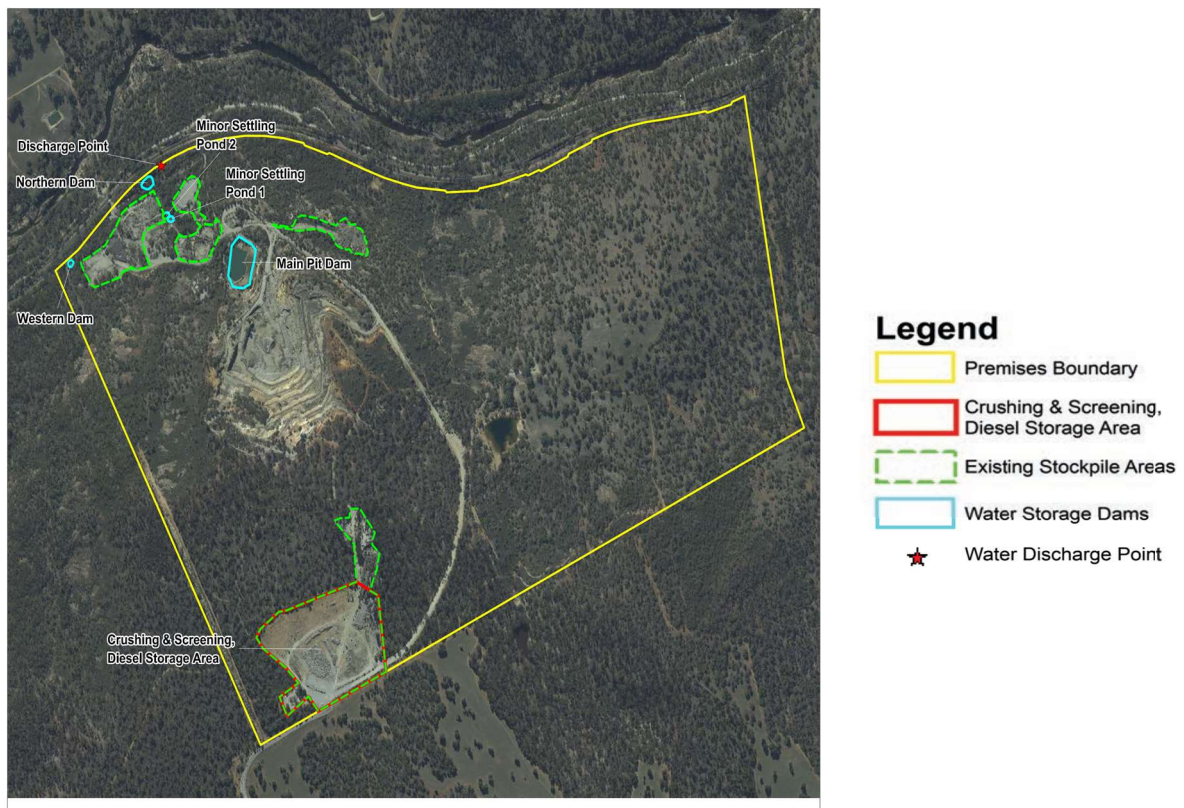


Figure 1: Premises layout

Schedule 2: Primary Activities

At the time of assessment, Emissions and Discharges from the following Primary Activities were considered in the determination of the risk and related Conditions for the Premises.

The Primary Activities are listed in Table 5:

Table 4: Primary Activities

Primary Activity	Premises production or design capacity
Category 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.	500,000 tonnes per year

Infrastructure and equipment

The Primary Activity infrastructure and equipment situated on the Premises is listed in Table 6.

Table 5: Infrastructure and equipment

Infrastructure and equipment	Plan reference
McCloskey R155 Screener	As shown in Figure 1 of Schedule 1
1180 Premiertrack Jaw Crusher	
H6203 Screener	
1300 Maxtrak Cone Crusher	
Self-bunded diesel storage tank	
Stormwater retention/sedimentation basins	
Stormwater 'Discharge Point'	

Site layout

The Primary Activity infrastructure and equipment is set out on the Premises in accordance with the site layout specified on the Premises map in Schedule 1.