



Licence number	L9121/2018/1		
Licence holder	Boral Resources (W.A.) Ltd		
ACN	008 686 904		
Registered business address	Level 3, 40 Mount Street NORTH SYDNEY NSW 2060		
DWER file number	INS-0002026		
Duration	04/07/2018	to	03/07/2030
Date of amendment	23/06/2025		
Premises details	Boral Orange Grove Quarry 15 Stephen Street ORANGE GROVE WA 6109 Legal description - Lots 453, 457, 465, 466 and 467 on Plan 3327; Lot 50 on Plan 42517; Lot 101 on Diagram 90993; Lot 113 on Plan 248353; and Lot 181 on Plan 250164 As defined by the premises map in Schedule 1		

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / 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.	2,000,000 tonnes per annual period
Category 13: Crushing of building material – premises on which waste building or demolition material (for example bricks, stones or concrete) is crushed or cleaned.	36,000 tonnes per annual period
Category 61A: Solid Waste Facility – premises (other than premises within category 67A) on which solid waste produced on other premises is stored, reprocessed, treated or discharged onto land.	30,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 23 June 2025, by:

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

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Licence history

Date	Reference number	Summary of changes
01/10/2000	L6822/1967/5	Licence re-issue
07/11/2001	L6822/1967/6	Licence re-issue
11/10/2002	L6822/1967/7	L6822/1967/7 11/10/2002 Licence re-issue
01/10/2003	L6822/1967/8	L6822/1967/8 01/10/2003 Licence re-issue
01/10/2004	L6822/1967/9	L6822/1967/9 01/10/2004 Licence re-issue
12/12/2005	L6822/1967/10	Licence re-issue
12/12/2006	L6822/1967/11	Licence re-issue
12/12/2009	L6822/1967/12	Licence re-issue
12/12/2012	L6822/1967/13	Licence re-issue
13/09/2013	L6822/1967/13	Licence amendment to REFIRE format
12/12/2013	L6822/1967/13	Licence amendment to add Category 13
10/07/2014	L6822/1967/13	Licence amendment in response to appeal against Category 13
31/10/2014	L6822/1967/13	Licence amendment to add Category 35
03/3/2016	L6822/1967/13	L6822/1967/13 03/3/2016 Licence amendment to add Category 61A and allow receipt and processing of RAP
04/07/2018	L9121/2018/1	Replacement of ceased licence. Category 35 and associated conditions removed – reference to processed RAP retained.
16/05/2022	L9121/2018/1	Notice of amendment and schedule of licences with amended reporting conditions
23/06/2025	L9121/2018/1	Department initiated amendment to extend expiry date for 5 years to 03/07/2030

Interpretation

In this licence:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (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:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The licence holder must ensure that the following conditions are complied with:

1. The licence holder must only accept waste on to the Premises if:
 - (a) it is of a type listed in Table 1;
 - (b) the quantity accepted is below any quantity limit listed in Table 1;
 - (c) it meets any specification listed in Table 1.

Table 1: Waste acceptance

Waste type	Quantity Limit	Specification ¹
Inert Waste Type 1	36,000 tonnes per year	<p>Limited to concrete waste and pit waste generated by Boral Resources (W.A.) Limited concrete batching operations.</p> <p>Concrete waste: no more than 12,000 tonnes per year shall be accepted.</p> <p>Pit waste: no more than 24,000 tonnes per year shall be accepted.</p>
Processed RAP	30,000 tonnes per year	<p>The Licence holder shall ensure that Processed RAP does not contain any of the following materials:</p> <ul style="list-style-type: none"> granular pavement materials, clay, soil or organic matter; bricks, concrete, glass or building materials; or tar based products, geotextile fabrics, raised pavement markers or surface treatments such as high friction surfacing.

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

2. The licence holder must ensure that where waste does not meet the waste acceptance criteria set out in condition 1 it is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility as soon as practicable.
3. The licence holder must ensure that bulk materials are stored in a manner which avoids the generation of airborne dust.
4. No raw materials, materials or fuels other than those listed in Table 2 and which comply with any specification stated shall be subjected to the relevant process in that table.

Table 2: Processing of materials

Material	Process	Specification
Processed RAP	Storage	None specified

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Granular Raw Materials	Transfer	The licence holder must ensure that all conveyors are enclosed with windshields, or otherwise appropriately designed to avoid the generation of airborne dust.
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5. The licence holder must ensure that treated water from triple interceptors is only discharged into the final transfer dam as specified in Table 3 and identified in Schedule 1.

Table 3: Containment infrastructure

Containment cell or dam number	Material	Infrastructure requirements
Transfer dam	Treated water from triple interceptors.	None specified

Emissions and discharges

General

6. The licence holder must record and investigate the exceedance of any descriptive or numerical limit specified in this Licence.

Fugitive emissions

7. The licence holder must ensure dust emissions are managed in accordance with the documents, or parts of documents, specified in Table 4.

Table 4: Management plans

Management Plan Reference	Parts	Date of Document
Boral Resources (WA) Orange Grove Quarry – Environmental Management Plan (<i>Ref QUA-OG EMP-DUST01 Revision 1.0 26/02/2016</i>)	Section 1.5 (Dust) Monitoring and remedial measures	26/02/2016

Noise/Vibration

8. The licence holder must manage emissions such that they do not cause an exceedance of the limits in Table 5.

Table 5: Noise/vibration emission limits

Monitoring point reference and location on Premises map	Parameter	Limit (including units)	Reference period
Blast Monitoring Sites BM1 and BM2 (as depicted in Figure 1, Schedule 1)	Peak particle velocity	10 mm/sec	Any single blast
		5 mm/sec	No more than one blast in ten consecutive blasts (regardless of interval between blasts)

Monitoring

9. The licence holder must ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications and the requirements of the Licence.
10. The licence holder must, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.
11. The licence holder must undertake the monitoring in Table 6 according to the specifications in that table.

Table 6: Monitoring of inputs and outputs

Input/Output	Parameter	Units	Averaging period	Frequency
Waste Inputs	Inert Waste Type 1	tonnes (where a weighbridge is present on the site)	N/A	Each load arriving at the Premises
Waste Outputs	Waste type as defined in the Landfill Definitions	m ³ (where no weighbridge is present)		Each load leaving or rejected from the Premises

Ambient Air Quality

12. The licence holder must undertake the monitoring in Table 7 according to the specifications in that table.

Table 7: Monitoring of ambient air quality

Monitoring point reference and location on Premises map	Parameter	Averaging period	Frequency	Method
AQ1 on Figure 1 in Schedule 1	Particulates as PM ₁₀	24 hours	Continuous	AS 3580.9.11

Noise/Vibration

13. The licence holder must undertake the monitoring specified in Table 8.

Table 8: Noise/vibration monitoring

Monitoring point reference	Parameter	Units	Frequency
Blast Monitoring Sites BM1 and BM2 (as depicted in Figure 1, Schedule 1)	Airblast	dB	Each blast
	Peak particle velocity	mm/sec	

Records and reporting

Records

- 14.** The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- 15.** 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) any maintenance of infrastructure that is performed in the course of complying with condition 5 of this licence;
 - (c) monitoring programmes undertaken in accordance with conditions 11, 12 and 13 of this licence; and
 - (d) complaints received under condition 14 of this licence.
- 16.** The books specified under condition 15 must:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - (c) be retained by the licence holder for the duration of the licence; and
 - (d) be available to be produced to an inspector or the CEO as required.

Reporting

- 17.** The licence holder must:
- (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period, and
 - (b) prepare and submit to the CEO an Annual Audit Compliance Report in the approved form by 1 March each year.
- 18.** The licence holder must:
- (a) prepare an Environmental Report that provides information in accordance with Table 9 for the preceding annual period, and
 - (b) submit that Environmental Report to the CEO by 1 March 2026 and biennially thereafter.

Table 9: Environmental reporting requirements

Condition	Requirement
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken
Table 3	Approximate volumes and dates of transfer dam overflows
17	Compliance
14	Complaints summary
13	A summary of blast monitoring results outlining trends and comparison against limits.
-	Measures taken to suppress dust
-	Measures taken to minimise noise

19. The licence holder must ensure that the Environmental Report also contains an assessment of the information contained within the report against previous monitoring results and licence limits.
20. The licence holder must submit the information in Table 10 to the CEO according to the specifications in that table.

Table 10: Non-annual reporting requirements

Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form ¹
-	Copies of original monitoring reports submitted to the licence holder by third parties	Not Applicable	Within 14 days of the CEO's request	As received by the licence holder from third parties
13	Blast monitoring Report	-	-	None specified

21. The licence holder must ensure that the parameters listed in Table 11 are notified to the CEO in accordance with the notification requirements of the table.

Table 11: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form
13	Breach of any limit specified in the Licence	Notification to be made within 7 days of becoming aware of any non-compliance.	None specified
-	Any exceedance of air-blast level requirements outlined in <i>Environmental Protection (Noise) Regulations 1997</i>	Notification to be in writing and to include the following information: (a) which condition was not complied with; (b) the time and date when the non-compliance occurred;	

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		<p>(c) if any environmental impact occurred as a result of the non-compliance and if so what that impact is and where the impact occurred;</p> <p>(d) the details and result of any investigation undertaken into the cause of the non-compliance;</p> <p>(e) what action has been taken and the date on which it was taken to prevent the non-compliance occurring again; and</p> <p>(f) what action will be taken and the date by which it will be taken to prevent the non-compliance occurring again.</p>	
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Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

Definitions

In this licence, the terms in Table 12 have the meanings defined.

Table 12: Definitions

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates are available on the Department's website).
annual period	a 12 month period commencing from 1 January until 31 December of the immediately following year.
Approved form	means the Annual Audit Compliance Report (AACR) form template approved by the CEO for use and available via DWER's external website
AS 3580.9.11	means the Australian Standard AS 3580.9.11 <i>Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM10 beta attenuation monitors</i> .
averaging period	means the time over which a limit is measured or a monitoring result is obtained.
biennially	means every two annual periods.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
condition	a condition to which the licence is subject under section 62 of the Environmental Protection Act 1986
Concrete waste	has the definition in <i>Environmental Protection (Controlled Waste) Regulations 2004</i> ;
Controlled Waste	has the definition in Regulation 2 of the Environmental Protection (Controlled Waste) Regulations 2004.
department; DWER	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
discharge	has the same meaning given to that term under the EP Act.

Term	Definition
emission	has the same meaning given to that term under the EP Act.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
Inert waste type 1	as defined in the Landfill Definitions.
Landfill definitions	means the document titled “Landfill Waste Classification and Waste Definitions 1996” published by the Chief Executive Officer of the Department of Environment as amended from time to time.
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
normal operating conditions	Means any operation of a particular process (including abatement equipment) excluding start-up, shut-down and upset conditions, in relation to stack sampling or monitoring.
PM ₁₀	means particles with an aerodynamic diameter of less or equal to 10 µm.
Processed RAP	Means RAP which has been crushed and/or screened to size for recycling into new asphalt
RAP	Means Reclaimed Asphalt Pavement
prescribed premises	has the same meaning given to that term under the EP Act.
Schedule 1	means Schedule 1 of this Licence unless otherwise stated.
start-up	means the period when plant or equipment is brought from normal operating conditions to inactivity.
shut-down	means the period when plant or equipment is brought from inactivity to normal operating conditions.
usual working day	means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).



Figure 1: Map of the boundary of the prescribed premises and location of monitoring points.

Containment infrastructure

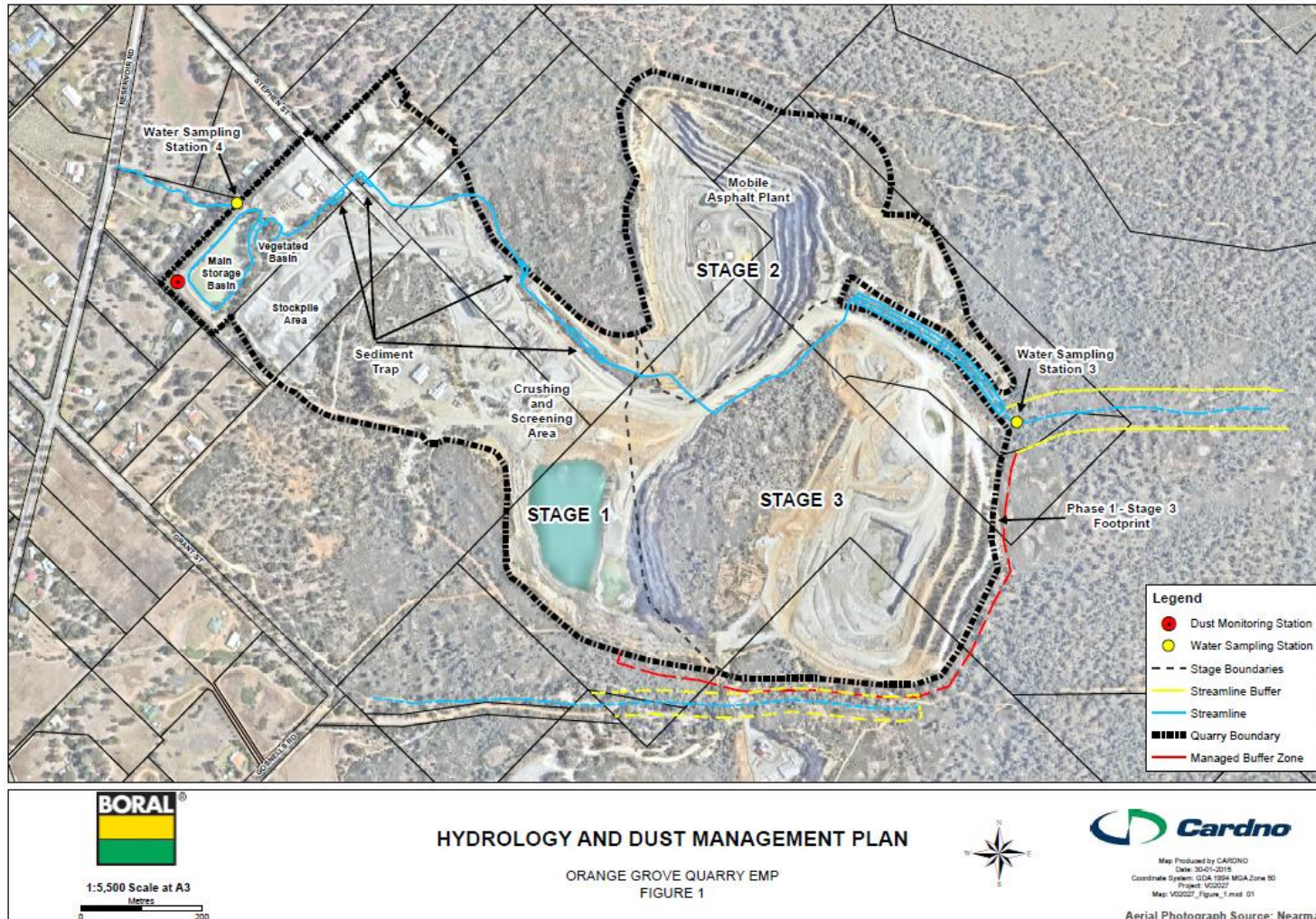


Figure 2: Location of containment infrastructure.

L9121/2018/1 (Amended: 23/06/2025)