



Licence number	L4698/1967/13
Licence holder	Holcim (Australia) Pty Ltd
ACN	099 732 297
Registered business address	Holcim (Australia) Pty Ltd 799 Pacific Highway CHATSWOOD NSW 2067
DWER file number	2011/007370-1
Duration	01/10/2021 to 30/09/2026
Date of issue	20/09/2021
Premises details	Bunbury Quarry Jules Road GELORUP WA 6230 Legal description Lot 2644 on Plan 248973 and Lot 348 on Plan 248930

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 12 - Screening, etc. of material:	500,000 tonnes per annum

This licence is granted to the licence holder, subject to the attached conditions, on 20 September 2021, by:

Neville Welsh
SENIOR INDUSTRY REGULATION OFFICER

Officer delegated under section 20 of the Environmental Protection Act 1986

Licence history

Date	Reference number	Summary of changes
26/09//2013	L4698/1967/12	Licence re-issued (converted to REFIRE format)
29/04/2016	L4698/1967/12	Expiry date amended to 30/09/2021.
20/09/2021	L4698/1967/13	Licence renewed for five years – new expiry date 30/09/2026.

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:

Infrastructure and equipment

1. The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

Table 1: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirement	Infrastructure location
Crusher and Screening plant	<ul style="list-style-type: none"> To be located and operated on the quarry pit floor at all times. Dust suppression system on the crusher and screening plants shall be functional while material is being screened or crushed. 	(As shown in Schedule 1 - Figure 1)

Emissions and discharges

Dust emissions

2. The licence holder must ensure that no visible dust generated from the primary activities crosses the boundary of the premises.

Stormwater discharge

3. The licence holder must take all reasonable and practicable measures to prevent stormwater run-off becoming contaminated by the activities and operations undertaken at the premises

Noise emission limit

4. The licence holder must ensure that emission from the discharge point listed in Table 2 for the corresponding parameter do not exceed the corresponding limit when monitored in accordance with condition 11.

Table 2: Emission and discharge limits

Discharge point	Parameter	Limit (including units)	Reference period
Blast Monitoring Sites * #1 (Lot 2644) #2 (Lot 2644) #3 (Lot 348) #4 (Lot 348)	Peak particle velocity	10 mm/sec	Any single blast
		Not more than one blast shall exceed 5 mm/sec	Any 10 consecutive blasts (regardless of interval between blasts) **

*Two (2) locations, and at least the longest dimension of the foundations of a building or structure away from such a building structure.

** With exception of a maximum (6) blasts per calendar year as part of the on-going establishment of the vibration reduction trench

Surface water emission limit

5. The licence holder must ensure that emission from the discharge point listed in Table 3 for the corresponding parameter do not exceed the corresponding limit when monitored in accordance with condition 7.

Table 3: Emission and discharge limits

Discharge point	Parameter	Limit (including units)	Reference
L1 - North West discharge point (uncontaminated stormwater treated by oil water separator)	Oil and grease (hexane soluble)	Not greater than 5 mg/L	(As shown in Schedule 1 - Figure 1)
	Total suspended solids (TSS)	Not greater than 80 mg/L	
	Total dissolved solids (TDS)	N/A	
L2 - Lot 348 Pit sump	Volume	N/A	(As shown in Schedule 1 - Figure 1)
	Oil and grease (hexane soluble)	Not greater than 5 mg/L	
	Total suspended solids (TSS)	Not greater than 80 mg/L	
	Total dissolved solids (TDS)	N/A	

6. The licence holder must, within 7 days of becoming aware of any non-compliance with condition 4 and 5 of this licence, notify the CEO in writing of that non-compliance and include in that notification the following information:
- which condition was not complied with;
 - the time and date when the non-compliance occurred;
 - if any environmental impact occurred as a result of the non-compliance and if so what that impact is and where the impact occurred;
 - the details and result of any investigation undertaken into the cause of the non-compliance;
 - what action has been taken and the date on which it was taken to prevent the non-compliance occurring again; and
 - what action will be taken and the date by which it will be taken to prevent the non-compliance occurring again.

Monitoring

Surface water monitoring

7. The licence holder must monitor surface water for concentrations of the identified parameters listed in Table 4:
- (a) at the corresponding monitoring location;
 - (b) in the corresponding unit;
 - (c) at no less than the corresponding frequency; and
 - (d) using the corresponding method.

Table 4: Monitoring of surface water quality

Monitoring location	Parameters	Unit	Frequency	Method
L1 - North West discharge point (As shown in Schedule 1 - Figure 1)	Oil and grease (hexane soluble)	mg/L	Monthly (after flows first commence)	Spot sample, in accordance with AS/NZS 5667.4
	Total suspended solids (TSS)			
	Total dissolved solids (TDS)			
L2 - Lot 348 Pit sump (As shown in Schedule 1 - Figure 1)	Volume	m ³	Monthly (while discharging)	Spot sample, in accordance with AS/NZS 5667.4
	Oil and grease (hexane soluble)	mg/L		
	Total suspended solids (TSS)			
	Total dissolved solids (TDS)			

8. All sample analysis must be undertaken by laboratories with current accreditation from the National Association of Testing Authorities (NATA) for the relevant parameters, unless otherwise specified in Table 4 of condition 7.
9. The licence holder must ensure that surface water monitoring is undertaken in each monthly period such that there are at least 15 days in between the days on which samples are taken in successive months.
10. The licence holder must ensure that all monitoring equipment used to comply with conditions 7 and 11 is operated and calibrated in accordance with the manufacturer's specifications.

Noise/vibration monitoring

- 11.** The licence holder must monitor emissions:
- (a) at the corresponding monitoring location;
 - (b) for the corresponding parameter;
 - (c) in the corresponding units; and
 - (d) at the corresponding frequency,
- as set out in Table 5.

Table 5: Monitoring of noise and vibration

Monitoring location	Parameter	Units	Frequency
Blast monitoring site*	Air blast	dB	For each blast
#1 (Lot 2644)	Peak particle velocity	Mm/sec	
#2 (Lot 2644)			
#3 (Lot 348)			
#4 (Lot 348)			

*Two (2) locations, and at least the longest dimension of the foundations of a building or structure away from such a building structure.

** With exception of a maximum (6) blasts per calendar year as part of the on-going establishment of the vibration reduction trench

Records and reporting

- 12.** 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.
- 13.** 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 by no later than 60 days after the end of that annual period an Annual Audit Compliance Report in the approved form.

- 14.** The licence holder must submit to the CEO by no later than 60 days after the end of each annual period, an Annual Environmental Report for that annual period for the conditions listed in Table 6, and which provides information in accordance with the corresponding requirement set out in Table 6.

Table 6: Annual Environmental Report

Condition	Requirement
9	Tabulated surface water monitoring data results for each monitoring location showing concentrations of all parameters in the previous twelve month period.
10	Tabulated noise/vibration monitoring data results for each monitoring location showing results for the previous 12 month period.

- 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 1 of this licence;
 - (c) monitoring programmes undertaken in accordance with conditions 7 and 11 of this licence; and
 - (d) complaints received under condition 12 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.

Definitions

In this licence, the terms in Table 7 have the meanings defined.

Table 7: 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 may be available on the Department's website).
annual period	a 12 month period commencing from 1 January until 31 December of the immediately following year.
AS/NZS 5667.4	means the Australian Standard AS/NZS 5667.4: Water quality – Sampling Guidance
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
Department	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.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
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.
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map in Figure 1 in Schedule 1 to this licence.
prescribed premises	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 by pink boundary in the map (Figure 1).



Figure 1: Map of the boundary of the prescribed premises including discharge points, blast monitoring sites and infrastructure location (as supplied by licence holder)