



Works approval number	W6527/2021/1
Works approval holder	Holcim (Australia) Pty Ltd
ACN	099 732 297
Registered business address	Tower B, Level 8 799 Pacific Hwy Chatswood NSW 2067
DWER file number	DER2018/001042-5
Duration	05/08/2021 to 04/08/2026
Date of issue	05/08/2021
Date of amendment	24/05/2023
Premises details	Gosnells Quarry 89 Cockram Road Legal description - Lot 3 on Plan 14769, Lot 5003 on Plan 28867

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 12: Screening, etc. of material	5 million tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 24 May 2023 by:

Lauren Edmands

**MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES**

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

Interpretation

In this works approval:

- (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 works approval:
 - (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 works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

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

Construction phase

Infrastructure and equipment

1. The works approval holder must:
 - (a) construct and/or install the infrastructure and/or equipment;
 - (b) in accordance with the corresponding design and construction / installation requirements; and
 - (c) at the corresponding infrastructure location.
 as set out in Table 1.

Table 1: Design and construction, installation and operational requirements

	Infrastructure	Design and construction, installation and operational requirements	Infrastructure location
1.	Tertiary/ quaternary section of the crushing and screening plant	Replacement/modification of the following infrastructure: <ul style="list-style-type: none"> • Replace conveyor BC05 with conveyor BC16; • Replace conveyor BC08 with conveyor BC05 and BC15; • Replace conveyor BC09 and BC10 with conveyor BC08 and BC17; • Replace conveyor BC15 BC16 with conveyor BC09; • Part of conveyor BC14 shortened; and • Replace screens VS02 and VS03 with screen VS04. <u>Dust controls:</u> <ul style="list-style-type: none"> • Water trucks to be used on high traffic areas; • Water sprayers to be used on machinery when visible dust is detected; • Dust extraction systems to be utilised, when present, during operation; • Primary and secondary belt cleaners to be installed and maintained on all new conveyors; • Vehicle speed limits to be enforced; and • Continuous air monitoring to be undertaken via monitoring point AQ1 described in L6821/1967/12. <u>Noise controls:</u> <ul style="list-style-type: none"> • All plant equipment installed and maintained to manufacturers standards to ensure efficient operation; • All construction activities are to be carried out in accordance with AS2436-2010; • Equipment and machinery designed and installed to comply with Australian Standard noise limits; and • Compliance with the <i>Environmental Protection (Noise) Regulations 1997</i>. 	Schedule 1: Maps, Gosnells Quarry Site Map, Figure 1

Compliance reporting

2. The works approval holder must within 60 calendar days of an item of infrastructure or equipment required by condition 1 being constructed and/or installed:
 - (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
 - (a) certification by a suitably qualified professional engineer or builder, that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
 - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
 - (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Environmental commissioning phase

Environmental commissioning requirements

4. The works approval holder may only commence environmental commissioning of an item of infrastructure listed in condition 5 once the Environmental Compliance Report has been submitted for that item of infrastructure in accordance with condition 3 of this works approval.
5. Any environmental commissioning activities undertaken for an item of infrastructure specified in Table may only be carried out:
 - (a) in accordance with the corresponding commissioning requirements; and
 - (b) for the corresponding authorised commissioning duration.

Table 2: Environmental commissioning requirements

Infrastructure	Commissioning requirements	Authorised commissioning duration
Tertiary/quaternary crushing and screening	<ul style="list-style-type: none">• Test plant performance and compare to manufacturer's design; and• Test all dust control equipment (covers, belt cleaners, sprays and extraction systems) and compare to manufacturer's design.	For a period not exceeding 60 calendar days in aggregate.

6. The works approval holder must submit to the CEO an Environmental Commissioning Report within 60 calendar days of the completion date of environmental commissioning for each item of infrastructure specified in condition 1.

Monitoring during environmental commissioning

7. The works approval holder must monitor ambient air emissions during environmental commissioning for concentrations of the identified parameters in accordance with Table 3.

Table 3: Monitoring of ambient concentrations during environmental commissioning

Parameter	Monitoring location	Unit	Frequency
PM ₁₀	AQ1	µg/m ³	continuous

8. The works approval holder must record the results of all monitoring activity required by condition 7.

Time limited operations phase

Commencement and duration

9. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 1:
- Where the item of infrastructure is not authorised to undertake environmental commissioning, the Environmental Compliance Report as required by condition 2 has been submitted by the works approval holder for that item of infrastructure; and
 - Where the item of infrastructure is authorised to undertake environmental commissioning under condition 4, the Environmental Commissioning Report for that item of infrastructure as required by condition 6 has been submitted by the works approval holder.
10. The works approval holder may conduct time limited operations for an item of infrastructure specified in Table 4 (as applicable):
- for a period not exceeding 365 calendar days from the day the works approval holder meets the requirements of condition 9 for that item of infrastructure; or
 - until such time as a licence for that item of infrastructure is granted in accordance with Part V of the EP Act.
11. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in condition 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirements set out in Table 4.

Table 4: Infrastructure and equipment requirements during time limited operations

Site infrastructure and equipment	Operational requirements	Infrastructure location
Tertiary/quaternary crushing and screening	<ul style="list-style-type: none"> Dust suppression measures such as water sprayers, water trucks onto exposed roads and dust extraction systems to be operational when excess dust generated; Conveyor belt cleaners to be operational when conveyor operating; and Screen and conveyor covers to be fitted and operational. 	Schedule 1: Maps, Gosnells Quarry Site Map, Figure 1

Monitoring during time limited operations

12. The works approval holder must monitor ambient air emissions during time limited operations for concentrations of the identified parameters in accordance with Table 5.

Table 5: Monitoring of ambient concentrations during time limited operations

Parameter	Monitoring location	Unit	Frequency
PM ₁₀	AQ1	µg/m ³	continuous

13. The works approval holder must record the results of all monitoring activity required by condition 12.

Compliance reporting

14. The works approval holder must submit to the CEO a report on the time limited operations within 30 calendar days of the completion date of time limited operations or 30 calendar days before the expiration date of the works approval, whichever is the sooner.
15. The works approval holder must ensure the report required by condition 14 includes the following:
- a summary of the time limited operations, including timeframes and amount of product processed;
 - a summary of ambient air concentration results obtained during environmental commissioning under condition 7 and time limited operations under condition 12.
 - a summary of the environmental performance of all infrastructure as constructed or installed (as applicable).
 - a review of performance and compliance against the conditions of the works approval and the Environmental Commissioning Report; and
 - where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

Records and reporting (general)

16. The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- the name and contact details of the complainant, (if provided);
 - the time and date of the complaint;
 - the complete details of the complaint and any other concerns or other issues raised; and
 - the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.

- 17.** The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
- (a) the works conducted in accordance with condition 1;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1;
 - (c) monitoring programmes undertaken in accordance with condition(s) 7 and 12; and
 - (d) complaints received under condition 16.
- 18.** The books specified under condition 17 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 works approval holder for the duration of the works approval; and
 - (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 6 have the meanings defined.

Table 6: Definitions

Term	Definition
annual period	a 12 month period commencing from 1 January until 31 December of the immediately following year.
AS2436-2010	Means the Australian Standard for <i>Guide to noise and vibration control on construction, demolition and maintenance sites</i> .
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 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
Department	means the department established under section 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.
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 commissioning	means the sequence of activities to be undertaken to test equipment integrity and operation, or to determine the environmental performance, of equipment and infrastructure to establish or test a steady state operation and confirm design specifications.
Environmental Commissioning Report	means a report on any commissioning activities that have taken place and a demonstration that they have concluded, with focus on emissions and discharges, waste containment, and other environmental factors.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986 (WA)</i> .
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i> .

Term	Definition
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map Figure 1 in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.
waste	has the same meaning given to that term under the EP Act.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

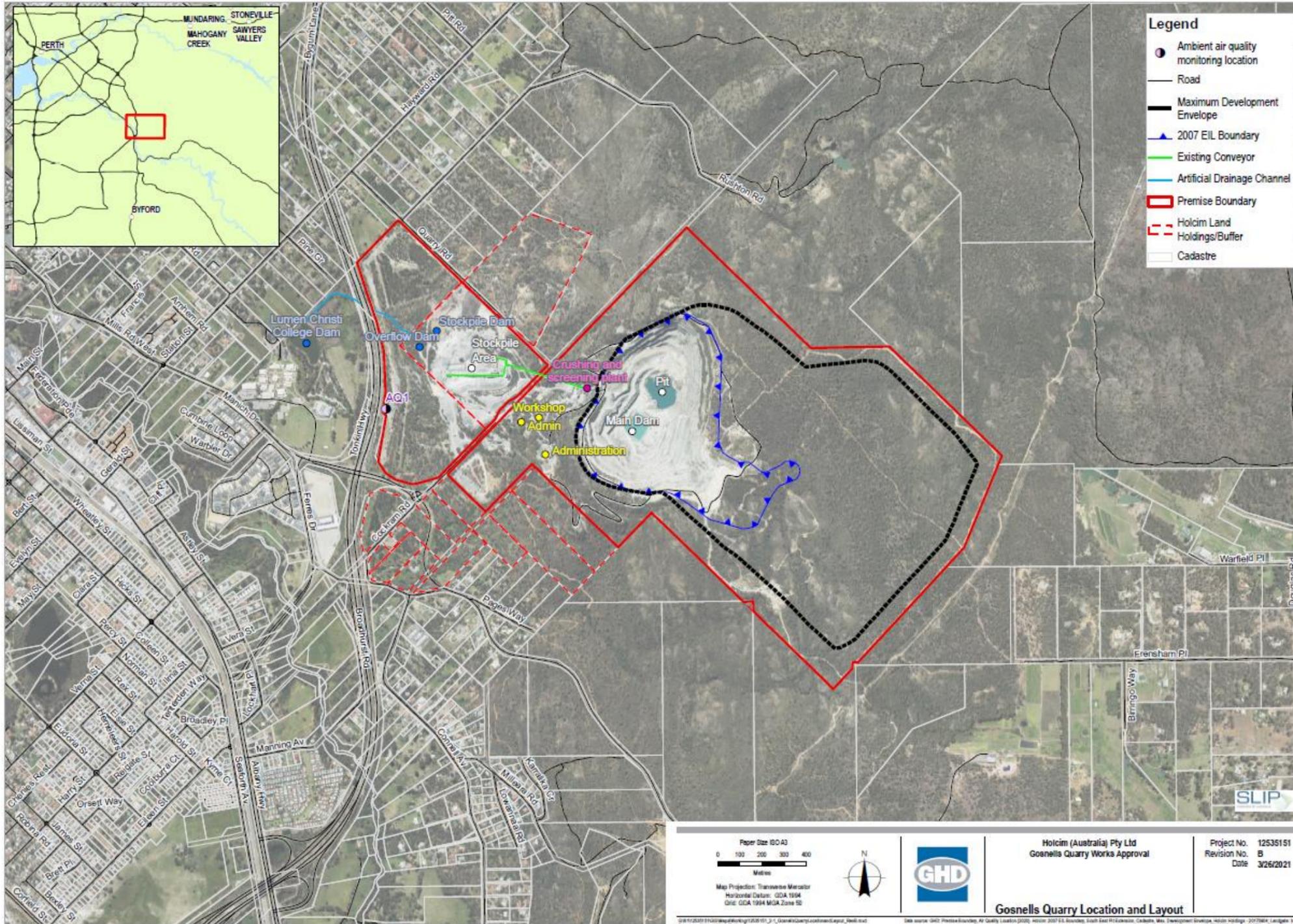


Figure 1: Gosnells Quarry Site Map

W6527/2021/1 Date of amendment: 24 May 2023
 IR-T05 Works approval template (v5.0) (February 2020)