



<b>Licence Number</b>	L7672/2001/5
<b>Works Approval Holder</b>	Hanson Construction Materials Pty Ltd
<b>ACN</b>	009 679 734
<b>File Number:</b>	DEC9107/1~1
<b>Premises</b>	Mount Barker Quarry Pellow Road, Mount Barker WA 6324  Legal description – Lot 948, 949 & 950 on Plan 4694 as depicted in Schedule 1
<b>Date of Amendment</b>	21 June 2019

## Amendment

The Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) has amended the above Licence in accordance with section 59 of the *Environmental Protection Act 1986* (EP Act), as set out in this Amendment Notice. This Amendment Notice constitutes written notice of the amendment in accordance with section 59B(9) of the EP Act.

**Tim Gentle**

**Manager - Resource Industries**

**REGULATORY SERVICES**

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

## Definitions and interpretation

### Definitions

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

**Table 1: Definitions**

Term	Definition
Amendment Notice	means an amendment granted under s.59 of the EP Act in accordance with the procedure set out in s.59B of the EP Act.
EP Act	means the Environmental Protection Act 1986 (WA).
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.
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.

## Amendment Notice

This amendment is made pursuant to section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the Licence issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

The following guidance statements have informed the decision made on this amendment:

- Guidance Statement: Regulatory Principles (July 2015)
- Guidance Statement: Risk Assessments (February 2017)
- Guidance Statement: Decision Making (February 2017)

This notice is to amend the Prescribed Premises proposed throughput capacity from 100,000 tonnes per annum to 190,000 tonnes per annum.

## Amendment description

Hanson Construction Materials Pty Ltd (the Licence Holder) operate a Category 12, screening etc. of material operation at Lot 948, 949 & 950 Pellow Road, Mount Barker called the Hanson Mount Barker quarry (the Premises).

The Premises operates under Licence L7672/2001/5, allowing for the crushing and screening of up to 100,000 tonnes of hard rock material per annum with the licence expiring on 30 September 2023. Upon expiry a full review of the new licence will be required and provides the opportunity to review this licence amendment.

On 5 December 2018, an application to amend the licence was received by the Department of Water and Environmental Regulation (DWER) with supplementary information provided on 19 February 2019. The Licence Holder applied to amend the licence to increasing the Prescribed Premises annual throughput capacity from 100,000 tonnes per year to 190,000 tonnes per year by reducing bottlenecks in existing plant allowing it to be operating for longer periods during each working day. There will be no additional infrastructure requirements or any changes to the primary activities at the Premises as a result of this application.

The Licence Holder has demonstrated that the existing plant operates at a capacity of 80 tonnes per hour. If the plant is operated for 10 hours per day due to process efficiencies, for 5 days per week it will produce 4,000 tonnes per week. Over 52 weeks per year, then the proposed annual throughput capacity of the operations will be 208,000 tonnes per year. This is 18,000 tonnes per year above the annual throughput requested in this Application.

Table 2 below outlines the proposed changes to the Licence.

**Table 2: Proposed throughput capacity changes**

Category	Current throughput capacity	Proposed throughput capacity	Description of proposed amendment
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.	100,000 tonnes per year	190,000 tonnes per year	Increase throughput will be achieved by process efficiencies that will increase plant daily operations to achieve the increased throughput capacity.

The quarry mines granite and gneiss rock to provide road and railway construction material plus supply local market demand. The coarser hard rock products are used for armour stone and railway track base, with the smaller crushed products being used for concrete aggregate,

road base and bitumen. The fine product (metal dust) is used locally as a mineral supplement on farming properties. The Mount Barker quarry operates an on-site crusher plant and material conveyors and infrastructure such as a site office, workshop, wash-down area, truck load-out area and concrete batching plant and associated machinery including a front end loader and excavator.

The closest receptor is a dwelling located 320m and 340m west south west from the primary crusher and secondary crusher plus screening plant respectively. A second receptor is located 425m east south east from the operational plant but is owned by the Licence Holder. All other receptors are greater than 1000m from the Hanson quarry operations.

The closest receptor has occupier the adjoining agricultural land since the Applicants operation commenced in late 1980's. They continues to farm the property without concern or complaint to DWER. This receptor will be engaged when a full licence review commences in September 2023.

The likely emissions associated with this operation are nuisance noise, fugitive dust and contaminated stormwater. The Licence Holder maintains management plans for the operations of this quarry and reports performance annually to regulatory organisations such as DWER.

The operations at the Mount Barker quarry predate the Shire of Plantagenet Town Planning Scheme 1 – 3 and the Extractive Industry Local law (1999 – 2008) therefore the operations has pre-existing rights for planning consent for the entire resource on the Premises.

## Amendment history

Table 2 provides the amendment history for L7672/2001/5.

**Table 3: Licence amendments**

Instrument	Issued	Amendment
L7672/2001/1	13/11/2001	New Licence
L7672/2001/2	06/11/2002	Licence re-issue
L7672/2001/3	22/09/2003	Licence re-issue
L7672/2001/4	20/10/2004	Licence re-issue
L7672/2001/5	17/09/2009	Licence amendment
L7672/2001/5	22/03/2013	Licence amendment to convert to new REFIRE format licence.
L7672/2001/5	29/04/2016	DWER initiated amendment to extend expiry date till 30 September 2023.
L7672/2001/5	21/06/2019	Licence amendment to increase production throughput to 190,000 tonnes per year.

## Decision

The infrastructure at the Mount Barker quarry will remain unchanged but, due to process efficiencies, the desired annual production throughput of 190,000 tonnes per year of hard rock material can be achievable.

The sensitive receptor remain unchanged and the emissions of fugitive dust, nuisance noise and contaminated stormwater will not increase risks from that which already exists. DWER therefore considered the overall risk of the emissions upon the receptors will not alter the emission risk profile.

Changes to the Licence have been made in accordance with DWER administrative changes including the name, logo and contacts for DWER. The operation of the Mount Barker quarry remain unchanged and licence conditions will ensure emissions relating to noise, fugitive dust and stormwater are controlled by the Licence Holder.

The amended Licence L7672/2001/5 has been updated to include;

- Include the definition of “CEO” and delete “Contact Address”;
- Increase Category 12 annual production capacity to 190,000 tonnes per year.

The Premises emission risk will remain unchanged following the changes to the prescribed Premises Category 12 screening etc. of material production throughput increase to 190,000 tonnes per year.

In 2023, a detailed review and comprehensive reassessment of the risk profile of the licence will be undertaken to align the licence with the DWER risk-based regulatory framework. The detailed review and risk-based review will incorporate this amendment into the new licence.

## Licence Holder’s comments

The Licence Holder was provided with the draft Amendment Notice on 24 May 2019. The Licence Holder has not provided comments by 17 June 2019 therefore the licence amendment was issued.

## Amendment

1. The definitions are amended by the insertion of the bold red and underlined blue text and deletion of the strike through black text below:

- **CEO means; Chief Executive Officer.**
- **CEO for the purposes of notification means:**  
**Director General**  
**Department Administering the *Environmental Protection Act 1986***  
**Locked Bag 10**  
**JOONDALUP DC WA 6919**  
[info@dwer.wa.gov.au](mailto:info@dwer.wa.gov.au)
- ~~Contact Address for the purpose of correspondence and advice means;~~  
~~Regional Leader, South Coast Region~~  
~~Department of Environment and Conservation~~  
~~120 Albany Hwy~~  
~~ALBANY WA 6330~~  
~~Telephone: (08) 9725 4300~~  
~~Facsimile: (08) 9725 4354~~

2. The Prescribed Premise category table is amended with the bold red text below:

Category number	Category description	Category production or design capacity	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	<b>190,000</b> tonnes per year

## Appendix 1: Key documents

	Document title	In text ref	Availability
1	Licence L7672/2001/5 – Hanson Construction Material Pty Ltd - Mount Barker quarry	L7672/2001/5	accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>
2	REFIRE Licence L7672/2001/5 approved on 22/03/2013	REFIRE	DWER record A613650
3	Licence amendment application received on 5 December 2018 – Hanson Construction Material Pty Ltd	Application	DWER records A1745504 & A1753803
4	Application Attachment 1A received on 5 December 2019	Application	DWER record A1753804
5	Application Attachment 2 received on 5 December 2019	Application	DWER record A1753802
6	Further information provided by Hanson on 19 February 2019	Supplementary information	DWER record A1775858
7	DER, July 2015. <i>Guidance Statement: Regulatory Principles</i> . Department of Environment Regulation, Perth.	DER 2015a	accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>
8	DER, February 2017. <i>Guidance Statement: Risk Assessments</i> . Department of Environment Regulation, Perth.	DER 2017a	
9	DER, February 2017. <i>Guidance Statement: Decision Making</i> . Department of Environment Regulation, Perth.	DER 2017b	