



<b>Licence number</b>	L9020/2016/1
<b>Licence holder</b>	Kimberley Quarry Pty Ltd
<b>ACN</b>	093 519 638
<b>Registered business address</b>	230 Barrington Street BIBRA LAKE WA 6163
<b>DWER file number</b>	DER2016/002337
<b>Duration</b>	25/10/2017 to 24/10/2037
<b>Date of amendment</b>	13/06/2023
<b>Premises details</b>	Hardrock Quarry Lot 20 East Chapman Road NARRA TARRA 6532 Being Part Lot 20 on Plan 6975 as depicted in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production
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 annual period
Category 35: Asphalt manufacturing: premises on which hot or cold mix asphalt is produced using crushed or ground rock aggregate missed with bituminous materials for use at places or premises other than those premises.	50,000 tonnes per annual period <sup>1</sup>
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.	12,500 tonnes per annual period

Note 1: The asphalt plant is capable of producing 200 tonnes per hour equating to 876,000tpa based on operating 12 hours per day, 365 days per year.

This licence is granted to the licence holder, subject to the attached conditions, on 13 June 2023, by:

**Alana Kidd**

**Manager, Resource Industries**

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

[L9020/2016/1](#)

## Licence history

Reference number	Date	Summary of changes
W6017/2016/1	10/03/2017	New application
L9020/2016/1	20/10/2017	New application for the operation of facility established under works approval W6017/2016/1
L9020/2016/1	7/11/2018	Amendment Notice 1: category 35 and 61A added
L9020/2016/1	13/06/2023	Amalgamation of Amendment Notice 1. Increase Category 12 assessed production to 500,000 tonnes per year

## Interpretation

In this licence:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (a) 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;
- (b) where tables are used in a condition, each row in a table constitutes a separate condition;
- (c) 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;
- (d) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (e) 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

## General

### Premises operation

1. The Licence Holder must ensure the limits specified in Table 1 are not exceeded.

**Table 1: Authorised Activities**

Category <sup>1</sup>	Category description <sup>1</sup>	Process limits
12	Screening etc. of material	500,000 tonnes per annual period
35	Asphalt manufacturing	50,000 tonnes per annual period
61A	Solid waste facility	12,500 tonnes per annual period

Note 1: *Environmental Protection Regulations 1987, Schedule 1.*

2. The Licence Holder must maintain stormwater infrastructure fit for purpose in accordance with the specification in Table 2.

**Table 2: Stormwater infrastructure<sup>1</sup>**

Infrastructure	Specifications
Contour bunds/banks	Maintained to prevent run-off entering into all operational areas
Cut-off drains	Cut-off drains to be maintained fit for the purpose of directing stormwater away from all operational areas
Unlined detentions basins located within Stockpile Area 1 and Stockpile Area 2	Minimum storage capacity of: <ul style="list-style-type: none"> <li>• Stockpile Area 1 – 1200 m<sup>3</sup> (30 m x 20 m x 2 m deep)</li> <li>• Stockpile Area 2 – 1200 m<sup>3</sup> (30 m x 20 m x 2 m deep)</li> </ul>

Note 1: Stormwater infrastructure depicted in the stormwater infrastructure layout in Schedule 1 maps.

3. The Licence Holder must only accept onto the premises waste of a waste type, which does not exceed the corresponding rate at which waste is received, and which meets the corresponding acceptance specification set out in Table 3.

**Table 3:** Types of waste authorised to be accepted onto the premises

Waste type	Rate at which waste is received	Acceptance specification
RAP	12,500 tonnes per annum period	<p>The Licence Holder must ensure that RAP does not contain any of the following materials:</p> <ul style="list-style-type: none"> <li>(a) granular pavement materials, clay, soil or organic matter;</li> <li>(b) bricks, concrete, glass or building materials; and</li> <li>(c) tar based products, geotextile fabrics, raised pavement markers or surface treatment such as high friction surfacings.</li> </ul>

4. The Licence Holder is permitted to remove asphalt manufacturing equipment from the Premises and relocate it back within the Premises on an as needs basis.

### Works

5. The Licence Holder must install and undertake the Works for the infrastructure and equipment:
- (a) specified in Column 1;
  - (b) to the requirements specified in Column 2;
- of Table 4 below.
6. The Licence Holder must not depart from the requirements specified in Column 2 of Table 4 except:
- (a) where such departure does not increase risks to public health, public amenity, or the environment; and
  - (b) all other Conditions in this Licence are still satisfied.
7. Within 30 days of the completion of the Works specified in Column 1 of Table 4, the Licence Holder must provide to the CEO a report from an Engineer confirming each item of infrastructure or component of infrastructure specified in Column 1 of Table 4 below has been constructed with no material defects and to the requirements specified in Column 2.
8. Where a departure from the requirements specified in Column 2 of Table 4 occurs and is of a type allowed by Condition 2, the Licence Holder must provide to the CEO a description of, and explanation for, the departure along with the certification required by Condition 2(b).

**Table 4: Works**

Infrastructure/Equipment	Requirements (constructions and operation)
Ciber iNova 2000 asphalt plant or equivalent	<ul style="list-style-type: none"> <li>Construction on compacted hardstand;</li> <li>Baghouse filter to be designed and constructed such that all air from the dryer is treated and that particulate emissions are less than 50mg/m<sup>3</sup>;</li> <li>Stack of the bag filter is required to have a stack sampling port that is compliant with AS 4323.1; and</li> <li>Located as per the map in Schedule 1.</li> </ul>
Stormwater infrastructure	<ul style="list-style-type: none"> <li>Unlined retention basin design to receive a 1 in 10-year, 2-hour rainfall event; and</li> <li>Located as per the map in Schedule 1.</li> </ul>

## Monitoring

### 9. The Licence Holder must monitor emissions:

- from the emission point;
- for the corresponding parameter;
- in the corresponding reporting unit;
- for the corresponding averaging period;
- at the corresponding frequency; and
- using the corresponding method,

as set out in Table 5.

**Table 5: Stack emission monitoring**

Emission point (and reference on the Premises map in Schedule 1)	Parameter	Frequency <sup>1</sup>	Averaging period	Unit <sup>2, 3</sup>	Method
Asphalt plant stack	Particulate matter	Annual	Stack test (Minimum 60-minute average)	mg/m <sup>3</sup>	USEPA Method 5 or USEPA Method 17
	Total Volatile Organic Compounds		Stack test (Minimum 30-minute average)	g/s	USEPA Method 18

Note 1: Monitoring shall be undertaken to reflect normal operating conditions and any limits or conditions on inputs or production.

Note 2: All units are referenced to STP dry

Note 3: Concentration units are referenced to 17% O<sub>2</sub>.

Note 4: Monitoring may be carried out while the asphalt plant is located at any other prescribed premises.

### 10. The Licence Holder must ensure that all monitoring and analysis as required per condition 9 is undertaken by a holder of a current NATA accreditation for the relevant parameters and/or methods as per condition 9.

## Information

### Records

11. The Licence Holder must submit to the CEO within 90 days after the end of the Annual Period, an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the Conditions of this Licence for the Annual Period.
12. The Licence Holder must implement a complaints management system that as a minimum, records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.
13. 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 5 of this Licence;
  - (c) the maintenance of infrastructure required to ensure that it is kept in good working order in accordance with Condition 1 of this Licence; and
  - (d) monitoring undertaken in accordance with Conditions 9 and 10 of this Licence.

In addition, the Books must:

  - (e) be legible;
  - (f) if amended, be amended in such a way that the original and subsequent amendments remain legible and are capable of retrieval;
  - (g) be retained for at least 3 years from the date the Books were made; and
  - (h) be available to be produced to an Inspector or the CEO.
14. The Licence Holder must submit to the CEO by no later than 90 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 and 10	Submission of the original stack testing and sampling reports from the company/companies that conducted the stack testing and sampling.
-	Details of the periods the plant was operational at the time (days of the year).
12	A summary of any complaints received.
11	Annual Audit Compliance Report in the approved form and signed as per the requirements of that form <sup>1</sup> .

Note 1: AACR forms are on the DWER website.

## Notification

**15.** The Licence Holder must ensure that the parameters listed in Table 7 are notified to the CEO in accordance with the notification requirements of the table.

**Table 7: Notification requirements**

Condition or table (if relevant)	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
Table 1	Breach of any limit specified in the Licence.	Part A: As soon as practicable as but no later than 5pm of the next usual working day.  Part B: As soon as practicable.	N1

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2.

## Definitions

In this licence, the terms in Table 8 have the meanings defined.

**Table 8: Definitions**

Term	Definition
Act	means the <i>Environmental Protection Act 1986</i>
Annual Audit Compliance Report	means a report in a format approved by the CEO as presented by the Licence Holder of specified by the CEO from time to time and published on the Department's Website
Annual Period	means a 12-month period from 1 January to 31 December in the same year
AS 4323.1	means the Australian Standard AS4323.1 Stationary Source Emissions Method 1: Selection of sampling positions
Averaging period	means the time over which a limit is measured or a monitoring result is obtained
CEO	means Chief Executive Officer of the Department of Water and Environmental Regulation;  'CEO' for the purpose of notification means;  Chief Executive Officer Department Administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 JOONDALUP DC WA 6919 Telephone: (08) 6367 7000 Facsimile: (08) 6367 7001 Email: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
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 Division 3 Part V of the <i>Environmental Protection Act 1986</i>
Licence	means this Licence numbered L9020/2016/1 and issued under the Act
Licence Holder	means the person or organisation named as Licence Holder on page 1 of the Licence
NATA	means the National Association of Testing Authorities, Australia
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis



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
Premises	means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence
RAP	means reclaimed asphalt pavement
Schedule 1	means Schedule 1 of this Licence unless otherwise stated
Schedule 2	means Schedule 2 of this Licence unless otherwise stated
STP dry	means standard temperature and pressure (0° Celsius and 101.325 kilopascals respectively), dry
USEPA Method 5	means the United States Environmental Protection Agency Method 5 Determination of particulate matter emissions from stationary sources
USEPA Method 17	means United States Environmental Protection Agency Method 17 Determination of Particulate Emissions From Stationary Sources
USEPA Method 18	means United States Environmental Protection Agency Method 18 Determination of Gaseous Organic Compounds by Direct Interface Gas Chromatography-Mass Spectrometry

## Schedule 1: Maps

### Premises map

The Premises is shown in the map below. The red line depicts the Premises boundary (Figure 1).

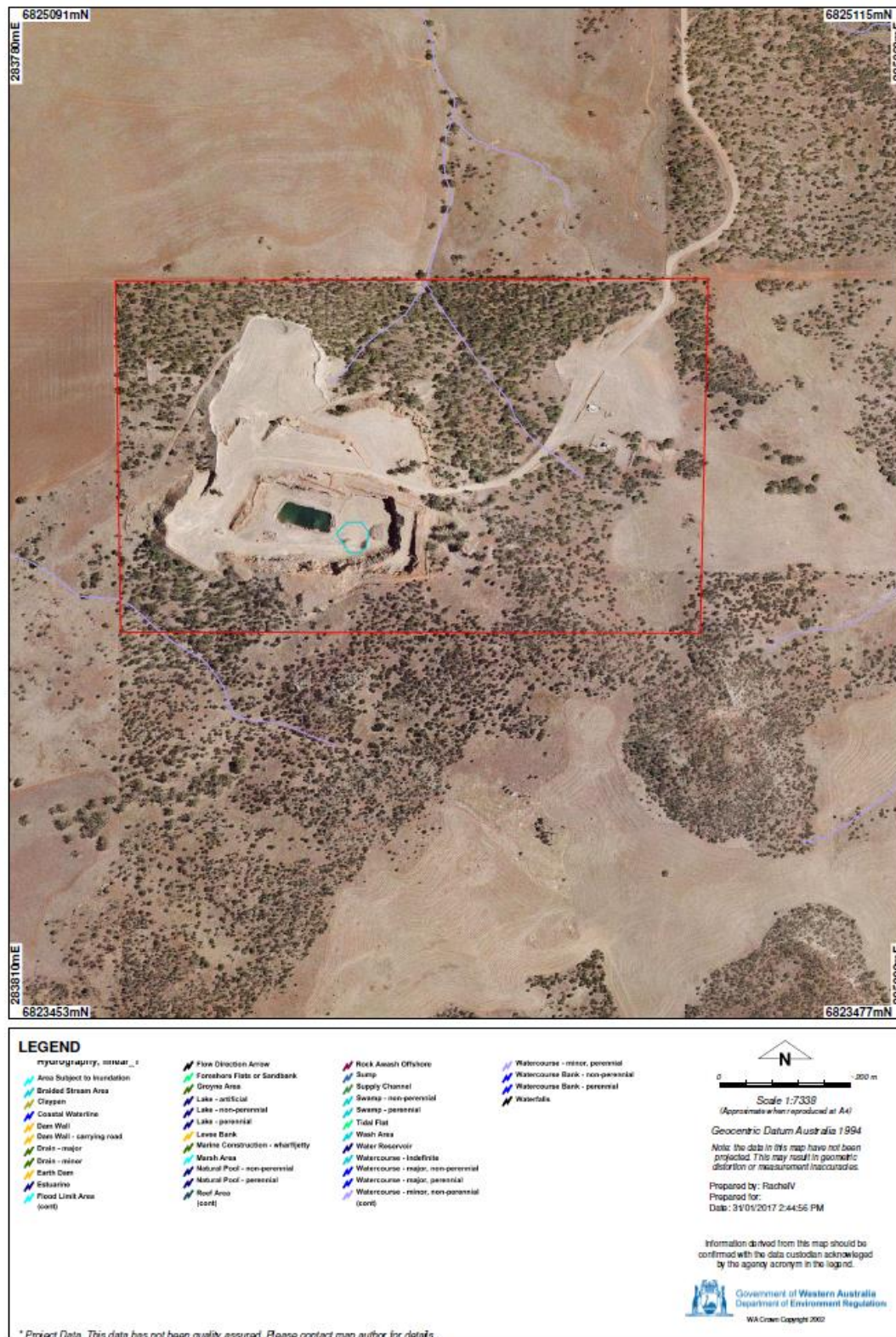


Figure 1: Premises map

L9020/2016/1



The site layout is shown below in Figure 2.



Figure 2: Site layout

L9020/2016/1

## Schedule 2: Notification form

This form can be requested in an electronic format.

---

Licence: L9020/2016/1      Licensee: Kimberley Quarry Pt Ltd  
 Form: N1      Date of breach:

### Notification of detection of the breach of a limit.

These pages outline the information that the operator must provide.  
 Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

#### Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

## Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Kimberley Quarry Pty Ltd	
Date	