



Licence number	L9086/2017/1
Licence holder	Perth Asphalt Supply Pty Ltd
ACN	618 055 477
Registered business address	5 Marion Street MIDLAND WA 6056
DWER file number	DER2017/001429-1
Duration	16/09/2020 to 15/09/2040
Date of issue	16/092020
Premises details	Perth Asphalt Supply 6 Allott Way MADDINGTON WA 6109 Legal description - Part of Lot 521 on Plan 40777 Certificate of Title Volume 2560 Folio 13 As defined by the coordinates in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 35 – Asphalt manufacturing	50,000 tonnes per year.

⁰ This licence is granted to the licence holder, subject to the attached conditions, on 16 September 2020, by:

A/Manager, Process Industries

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

Licence history

Date	Reference number	Summary of changes
16/09/20	L9086/2017/1	Licence granted.

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 requirements set out in Table 1.

Table 1: Infrastructure and equipment requirements

Site infrastructure and equipment	Operational requirements	Infrastructure location
Asphalt manufacturing plant, Tietuo Machinery QLB-40: <ul style="list-style-type: none"> • Aggregate bins • Diesel fueled aggregate dryer • Pug-mill • Gob-hopper • Baghouse 	<ul style="list-style-type: none"> • Bitumen must only be added to the pug-mill when the pug-mill door/hatch is closed; • Waste gasses from the dryer and pug-mill must be treated by a baghouse prior to discharge to atmosphere; • Aggregate must not be stored above the height of the walls of the aggregate bins. 	Schedule 1: Maps - Figure 2

Emissions and discharges

2. The licence holder must ensure that the emissions specified in Table 2, are discharged only from the corresponding discharge point and only at the corresponding discharge point location.

Table 2: Authorised discharge point

Emission	Discharge point	Discharge point location
Waste gases from the asphalt manufacturing plant	A1 - asphalt plant stack	As shown in Schedule 1: Maps - Figure 2 of authorised discharge point

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

Table 3: Emission and discharge limit

Discharge point	Parameter	Limit
A1 - asphalt plant stack	PM	50 mg/m ³

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

Monitoring

5. The licence holder must monitor emissions:
- from the discharge point;
 - for the corresponding parameter;
 - at the corresponding frequency;
 - for the corresponding averaging period;
 - in the corresponding unit; and
 - using the corresponding method,
- as set out in Table 4.

Table 4: Emissions and discharge monitoring

Discharge point	Parameter	Reporting unit ^{1, 3}	Averaging period	Frequency ²	Method ⁴
A1 - Asphalt plant stack	PM	mg/m ³ g/s	Stack test (Minimum 60 minute average)	Annually	USEPA Method 5 or USEPA Method 17
	NO _x	mg/m ³ g/s	Stack test (Minimum 30 minute average)		USEPA Method 7E
	Carbon monoxide				USEPA Method 10
	Sulfur Dioxide	mg/m ³ g/s	Stack test (Minimum 30 minute average)		USEPA Method 6, 6C or 8
	Total Volatile Organic Compounds	mg/m ³ g/s	Stack test (Minimum 30 minute average)		USEPA Method 18

Note 1: All units are referenced to STP dry

Note 2: Monitoring shall be undertaken to reflect normal operating conditions

Note 3: Concentration units are referenced to 17% O₂.

Note 4: Where any USEPA method refers to USEPA Method 1 for the sampling plane, this must be read as referral to AS 4323.1

6. The licence holder must record the results of all monitoring activity required by condition 5.
7. The Licence Holder must ensure that all monitoring and analysis as required per condition 5 is undertaken by a holder of a current NATA accreditation for the relevant parameters and/or methods specified in condition 5.

Records and reporting

8. The licence holder must, within 7 days of becoming aware of any non-compliance with condition 3 of this licence, notify the CEO in writing of that non-compliance and include in that notification the following information:
- (a) which condition was not complied with;
 - (b) the time and date when the non-compliance occurred;
 - (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;
 - (d) the details and result of any investigation undertaken into the cause of the non-compliance;
 - (e) what action has been taken and the date on which it was taken to prevent the non-compliance occurring again; and
 - (f) what action will be taken and the date by which it will be taken to prevent the non-compliance occurring again.
9. 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.
10. 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.
11. 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 5, and which provides information in accordance with the corresponding requirement set out in Table 5.

Table 5: Annual Environmental Report requirements

Condition	Requirement
5	Emissions and discharges monitoring
9	Complaints summary

- 12.** 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 condition 5 of this licence; and
 - (d) complaints received under condition 9 of this licence.
- 13.** The books specified under condition 12 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 6 have the meanings defined.

Table 6: 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.
AS 4323.1	means the Australian Standard AS4323.1 <i>Stationary Source emissions Method 1: Selection of sampling positions</i>
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.
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 maps (Figure 1 and Figure 2) in Schedule 1 to this licence.
USEPA	Means United States (of America) Environmental Protection Agency
USEPA Method 5	means USEPA Method 5 <i>Determination of Particulate Matter Emissions from Stationary Sources</i>
USEPA Method 6	means USEPA Method 6 <i>Determination of Sulfur Dioxide Emissions from Stationary Sources</i>
USEPA Method 6C	means USEPA Method 6 <i>Determination of Sulfur Dioxide Emissions from Stationary Sources (Instrumental Analyzer Procedure)</i>
USEPA Method 7E	means USEPA Method 7E <i>Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure)</i>
USEPA Method 8	means USEPA Method 8 <i>Determination of Sulfuric Acid and Sulfur Dioxide Emissions from Stationary Sources</i>
USEPA Method 10	means USEPA Method 10 <i>Determination of carbon monoxide emissions from stationary sources</i>
USEPA Method 17	means USEPA Method 17 <i>Determination of Particulate Matter Emissions From Stationary Sources</i>
USEPA Method 18	means USEPA Method 18 <i>Measurement of gaseous organic compound emissions by gas chromatography</i>

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the Premises is shown in the map below (Figure 1) and the site layout in Figure 2.



Figure 1: Map of the boundary of the Premises

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Schedule 2: Premises boundary

The Premises boundary is defined by the coordinates in Table 7.

Table 7: Premises boundary coordinates (GDA94)

Easting	Northing
<i>405 881.159</i>	<i>6455 162.855</i>
<i>405 964.026</i>	<i>6455 132.949</i>
<i>405 924.346</i>	<i>6455 041.158</i>
<i>405 964.443</i>	<i>6455 011.288</i>
<i>405 898.242</i>	<i>6454 943.613</i>
<i>405 801.460</i>	<i>6455 038.302</i>
<i>405 840.595</i>	<i>6455 078.301</i>