



Licence Number	L9004/2016/1
Licence Holder	Asphaltech Pty. Ltd.
ACN	064 520 869
Registered business address	Level 5/ 12 St Georges Tce PERTH WA 6000
DWER file number	DER2016/002036-1
Duration	09/09/2019 to 08/09/2039
Date of issue	05/09/2019
Date of amendment	12/11/2025
Premises details	Asphaltech Road Pavement Recycling Operation 69 Mather Drive, NEERABUP, WA, 6031 Legal description - Lot 2004 on Deposited Plan 70103 Certificate of Title Volume 2765 Folio 588 As depicted on the Premises map in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 35: Asphalt manufacturing	35,000 tonnes per year Design capacity of 50 tonnes per hour
Category 61A: Solid waste facility	160,000 tonnes per year

This Amended Licence is granted to the Licence Holder, subject to the following conditions, on 12 November 2025, by:

MANAGER PROCESS INDUSTRIES

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

Licence history

Date	Reference number	Summary of changes
24/04/2017	W5993/2016/1	Works approval granted.
05/09/2019	L9004/2016/1	Licence granted.
22/07/2020	L9004/2016/1	CEO-initiated amendment to correct misdescription errors and a contradiction between licence conditions.
12/11/2025	L9004/2016/1	Licence holder-initiated amendment to add a mobile asphalt plant to the premise.

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.

Conditions

Emissions

1. The Licence Holder must not cause any Emissions from the Primary Activities on the Premises except for general Emissions described in Column 1 of Table 1 subject to the exclusions, limitations or requirements specified in Column 2 of Table 1.

Table 1: Authorised Emissions table

Column 1	Column 2
Emission type	Exclusions/Limitations/Requirements
General Emissions (excluding Specified Emissions)	
Emissions which: arise from the Primary Activities set out in Schedule 2	Emissions excluded from general Emissions are: • Unreasonable Emissions; or • Emissions that result in, or are likely to result in, Pollution, Material Environmental Harm or Serious Environmental Harm; or • Discharges of Waste in circumstances likely to cause Pollution; or • Emissions that result, or are likely to result in, the Discharge or abandonment of Waste in water to which the public has access; or • Emissions or Discharges which do not comply with an Approved Policy; or • Emissions or Discharges which do not comply with a prescribed standard; or • Emissions or Discharges which do not comply with the conditions in an Implementation Agreement or Decision; or • Emissions or Discharges the subject of offences under regulations prescribed under the EP Act, including materials discharged under the Environmental <i>Protection (Unauthorised Discharges) Regulations 2004</i>.

Infrastructure and equipment

2. The Licence Holder must ensure that the infrastructure and equipment specified in Column 1 of Table 2 is maintained in good working order and operated in accordance with the requirements specified in Column 2 of Table 2.

Table 2: Infrastructure and equipment controls table

	Column 1	Column 2
	Site infrastructure and equipment	Operation details
Mobile asphalt plant		
1	Asphalt plant comprising of:	Mobile asphalt plant must only be operated whilst

	Column 1	Column 2
	Site infrastructure and equipment	Operation details
	(i) Cold feeder bins, including conveyer (ii) Dryer drum (iii) Burner (iv) Primary dust collecting cyclone unit (v) Baghouse filter unit (including stack) (vi) Batching tower, got elevator (vii) Hot aggregates bin (viii) Mixer unit (ix) Fibre feeding system (x) Asphalt pump (xi) Oil fired thermal heater	on a hardstand. All extracted waste gases must be filtered through the bag house prior to atmospheric release. Baghouse filter and pressure differential sensor must be confirmed operational prior to production commencement. Operator must undertake visual check to confirm no visible dust is being output by baghouse stack during operation. All bitumen handling equipment must be maintained in good condition to prevent leakage.
Solid waste facility and associated infrastructure		
1	Internal access roads made from asphalt	To be swept and maintained free of accumulations of material likely to cause airborne dust.
2	Front end loaders	Not more than 2 operating on site at any time.
3	Mobile wetmixer	Materials loaded into the wetmixer hopper to have sufficient moisture content to prevent dust. To be located on a hardstand. Transfer of emulsion stabilised bitumen to be conducted on a hardstand. Operations restricted to between the hours of 7 am to 6 pm weekdays, until monitoring undertaken in Condition 15 confirms that noise emissions will comply with the prescribed levels for night time operations in the <i>Environmental Protection (Noise) Regulations 1997</i>.
4	Stockpile area with hardstand made from ESB	Dust suppression sprinklers to be installed, maintained and operated to prevent airborne dust.
5	On-premises drainage system draining to a not less than 380 m ² earth-lined compensating basin at least 1.3 m deep	To be maintained to ensure potentially contaminated stormwater is not discharged from the Premises.
6	Mobile crusher and screener moved onto the site on an as needs basis.	Dust covers to be fitted and maintained on crushers and screeners to prevent dust emission. Water sprays to be fitted and maintained on crushers and screeners to prevent dust emissions Only one mobile plant to be operated on the

	Column 1	Column 2
	Site infrastructure and equipment	Operation details
		Premises at any time Operations restricted to between the hours of 7am to 6 pm weekdays, until monitoring undertaken in Condition 15 confirms that noise emissions will be able to comply with the prescribed levels for night time operations in the <i>Environmental Protection (Noise) Regulations 1997</i>.
7	Enclosed mobile bitumen emulsion tanker truck	No heating or manufacture of bitumen to occur on-site. Bitumen to be transferred to the wetmixer using a hose and pump. Transfer of bitumen emulsion to take place on a hardstand.

Throughput monitoring

3. The Licence Holder must monitor and record the amount of incoming and outgoing Waste and outgoing Products at the Premises for the parameter stipulated in Column 1 of Table 3, using the units specified in Column 2 of Table 3 at the frequency specified in Column 3 of Table 3.

Table 3: Monitoring of inputs and outputs

Column 1	Column 2	Column 3
Parameter	Units	Frequency
Waste Inputs – - RAP - Road base-course aggregates - Road sub-base materials	Tonnes	Each load arriving at the Premises.
Waste Outputs – Waste type as defined in the Landfill Definitions	Tonnes	Each load leaving or rejected from the Premises.

Emissions

4. The licence holder must ensure that the emissions from the discharge point listed in Table 4 do not exceed the corresponding limit(s) when monitored in accordance with condition 5.

Table 4: Emission limits

Discharge point shown in Schedule 1	Parameter	Limit ^{1,2}
Figure 1: 'Bag house'	Particulate matter	40 mg/m ³
	Exit velocity of exhaust gases	>12 m/s

Note 1: All units are referenced to STP dry.

Note 2: Concentration units are referenced to 17% O₂.

5. The licence holder must monitor emissions in accordance with the requirements outlined within Table 5.

Table 5: Emissions monitoring

Discharge point reference shown in Premises map in Schedule 1	Parameter	Frequency ¹	Reporting Units ^{2, 3}	Method Sampling
Figure 1: 'Bag house'	PM	Annually	mg/m ³ and g/s	USEPA Method 5 or 17
	NO _x			USEPA Method 7E
	CO			USEPA Method 10
	Total VOCs			USEPA Method 18
	Stack flow rate		m ³ /s	USEPA Method 2
	Stack velocity		m/s	

Note 1: Monitoring shall be undertaken to reflect normal operating conditions.

Note 2: All units are to be referenced to STP dry.

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

6. The licence holder must record the results of all monitoring activity required by condition 5.
7. The licence holder must ensure that sampling required under condition 5 of this licence is undertaken at a sampling location in compliance with the AS 4323.1.
8. The licence holder must ensure that all non-continuous sampling and analysis undertaken pursuant to condition 5 is undertaken by a holder of a current accreditation from the National Association of Testing Authorities (NATA) for the methods of sampling and analysis relevant to the corresponding relevant parameter.

Waste type restrictions

9. The Licence Holder is permitted to accept up to 160 000 tonnes per Annual Period of the following types of Waste only onto the Premises for storage, sorting or crushing:
- (a) RAP
 - (b) road base-course aggregates
 - (c) road sub-base materials
10. The Licence Holder must retain all documentation recorded under Condition 3 for a

period of two years.

Stockpile management

- 11.** The Licence Holder must ensure that all stockpiles on the Premises:
- (a) are located on the asphalt or emulsion stabilised basecourse hardstands as shown in the Site Plan in Schedule 1, and;
 - (b) have a minimum distance of 1.5 metres separation from the base of each stockpile to the Premises boundary at all times.
 - (c) are maintained to allow the sprinklers to reach all surfaces of the stockpiles.

Dust emission controls

- 12.** The Licence Holder must ensure that all Product and Waste stockpiles along with all unsealed access roads are wetted down during operations to prevent fugitive dust emissions.
- 13.** The Licence Holder must ensure that all Product to be removed from the Premises is wetted down prior to loading.
- 14.** The Licence Holder must ensure that truckloads of Product and Waste entering or leaving the site are covered.

Record-keeping

- 15.** The Licence Holder must maintain accurate and auditable records 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 maintenance of infrastructure required to ensure that it is kept in good working order in accordance with Condition 2 of this Licence;
 - (c) monitoring undertaken in accordance with Conditions 3 & 5 of this Licence;
 - (d) complaints received under Condition 16 of this Licence; and In addition, the records 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 records were made; and,
 - (h) be available to be produced to an Inspector or the CEO.
- 16.** The Licence Holder must record the number and details of any complaints received by the Licence Holder relating to its obligations under this Licence and its compliance with Part V of the EP Act at the Premises, and any action taken by the Licence Holder in response to the complaint. Details of complaints must include:
- (a) an accurate record of the concerns or issues raised, for example a copy of any written complaint or a written note of any verbal complaints made;
 - (b) the name and contact details of the complainant, if provided by the complainant;
 - (c) the date of the complaint; and
 - (d) the details and dates of the actions taken by the Licence Holder in response to the complaints.

17. The Licence Holder must submit to the CEO, no later than 28 September, a Compliance Report indicating the extent to which the Licence Holder has complied with the Conditions in this Licence for the preceding Annual Period.
18. The Licence Holder must comply with a Department Request, within 14 days from the date of the Department Request or such other period as agreed to by the Inspector or the CEO.
19. The Licence Holder must:
 - (a) prepare an Environmental Report that provides information in accordance with Table 6 for the preceding annual period; and
 - (b) submit that environmental report to the CEO by 28 September annually.

Table 6: Environmental reporting requirements

Condition	Requirement
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken.
Table 3: Throughput monitoring	Throughput monitoring results summarized in a table.
Table 4: Emission limits	Emission monitoring results against licence limits expressed as a table.
Table 5: Emissions monitoring	Emission monitoring results summarized in a table alongside supporting laboratory documents.
Condition 16	Summary of any complaints received.
Condition 17	Summary of compliance with licence conditions.

Definitions

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

Table 7: Definitions

Term	Definition
ACN	Australian Company Number
Annual Period	means a 12 month period commencing from 1 September until 31 August of the following year.
Condition	means a condition to which this Licence is subject under s.62 of 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
Compliance Report	means a report in a format approved by the CEO as presented by the Licence Holder or as specified by the CEO (guidelines and templates may be available on the Department's website).
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.
Department Request	means a request for Books or other sources of information to be produced, made by an Inspector or the CEO to the Licence Holder in writing and sent to the Licence Holder's address for notifications, as described at the front of this Licence, in relation to: (a) compliance with the EP Act or this Licence; (b) the Books or other sources of information maintained in accordance with this Licence; or (c) the Books or other sources of information relating to Emissions from the Premises.
Discharge	has the same meaning given to that term under the EP Act.
DWER	Department of Water and Environmental Regulation.
Emission	has the same meaning given to that term under the EP Act
EP Act	means the <i>Environmental Protection Act 1986</i> (WA).
EP Regulations	means the <i>Environmental Protection Regulations 1987</i> (WA).
ESB	Emulsion Stabilised Bitumen
Inspector	means an inspector appointed by the CEO in accordance with s.88 of the EP Act.
Landfill Definitions	means the document titled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer of the Department of Environment as amended from time to time.
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.
Material Change	means a change to the activities carried out on the Premises as described by the Primary Activities set out in Schedule 2 that may result in an increased risk to public health, amenity or the environment; and
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.
Primary Activities	refers to the Prescribed Premises activities listed on the front of this Licence as described in Schedule 2, at the locations shown in Schedule 1.
Product	means products produced which are: (a) 25 mm RAP; (b) 25mm RAP Base-course limestone; (c) 40 mm gravel RAP; and; (d) a blended product made of (a), (b) and (c).
RAP	Reclaimed Asphalt Pavement
Waste	has the same meaning given to that term under the EP Act.

Schedule 1: Maps

Premises map

The Premises are shown in the map below.



Figure 1: Premises Map

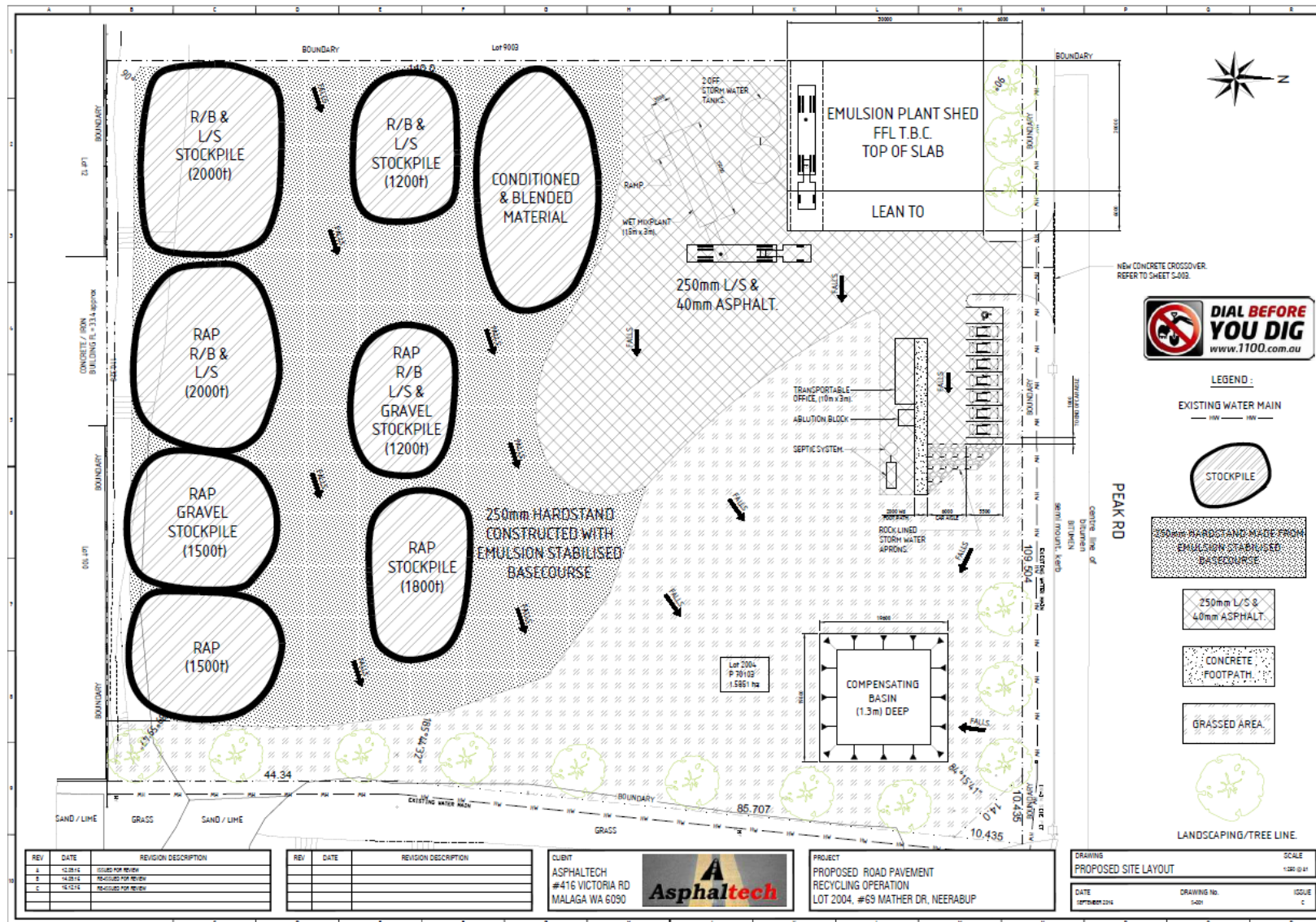


Figure 2: Site Layout Plan

Schedule 2: Primary Activities

At the time of assessment, Emissions and Discharges from the following Primary Activities were considered in the determination of the risk and related Conditions for the Premises.

The Primary Activities are listed in Table 8:

Table 8: Primary Activities

Primary Activity	Premises production or design capacity
Category 35 – Asphalt manufacturing: premises on which hot or cold mix asphalt is produced using crushed or ground rock aggregates mixed with bituminous or asphaltic materials for use at places or premises other than those premises.	Design capacity: 1,135,680 tonnes per annum Estimated production capacity: 35,000 tonnes per annum
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.	<160,000 tonnes per annum

Infrastructure and equipment

The Primary Activity infrastructure and equipment situated on the Premises is listed in Table 9.

Table 9: Infrastructure and equipment

Infrastructure and Equipment		Plan Reference
1	Internal access roads made from asphalt	Schedule 1: Site Plan
2	Concrete hardstand for future bitumen emulsion plant.	
3	Mobile wetmixer	
4	Stockpile area with hardstand made from ESB	
5	On-premises drainage system draining to a not less than 380 m ² earth-lined compensating basin at least 1.3 m deep	
6	Mobile crushers and screeners moved onto the site on an as needs basis.	Not Applicable
7	Mobile asphalt plant	Schedule 1: Site Plan

Site layout

The infrastructure and equipment are set out on the Premises in accordance with the site layout specified on the Premises Maps in Schedule 1.