



Licence number	L2861/2025/1
Licence holder	Asphaltech Pty Ltd
ACN	064 520 869
Registered business address	416 Victoria Road MALAGA WA 6090
DWER file number	L9004/2016/1
Duration	24/02/2025 to 23/02/2045
Date of issue	24/02/2025
Premises details	Asphaltech Picton 2 Sutherland Way PICTON WA 6229 Legal description - Part of Lot 55 on Diagram 22200 Certificate of Title Volume 2119 Folio 623

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 35: Asphalt manufacturing	Production capacity of not more than 35,000 tonnes per annual period Design capacity of 50 tonnes per hour
Category 61A: Solid waste facility	Production capacity of not more than 1,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 24 February 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
09/03/2022	W6621/2021/1	Works approval granted.
02/09/2024	W6621/2021/1	Works approval holder-initiated amendment to extend works approval expiry date to 8/03/2025.
24/02/2025	L2861/2025/1	New 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 requirement set out in Table 1.

Table 1: Infrastructure and operational requirements

	Site infrastructure and equipment	Operational requirement	Infrastructure location Premises map in Schedule 1
Asphalt plant infrastructure			
1.	LPG fueled asphalt plant comprising: <ol style="list-style-type: none"> i. Cold feeder bins, including conveyor ii. Dryer drum iii. Burner iv. Baghouse including stack v. Recovered fines silo vi. Cold RAP feeding line into the mixer vii. Mixing tower, hot elevator viii. Shade cloth covered funnel extending 10 m past the drop chute ix. Air compressor x. Electrically heated bitumen storage system xi. Tunnel to screen the loading bay 	<ol style="list-style-type: none"> a) Only to use LPG for the dryer burner b) All extracted waste gases to be filtered through the bag house filter prior to release into atmosphere c) Operated with a Process and Burner Control System that can prevent the generation of blue smoke. d) Bag house filter and broken bag detection system needs to be operational prior to firing up the burner of the dryer. e) Shade cloth covering the funnel to be maintained in an intact condition to prevent dust escaping during loading. f) All bitumen handling equipment must be maintained in good condition to prevent leakage. 	Shown as: Asphalt plant
2.	Bitumised hardstand area	<ol style="list-style-type: none"> a) A road sweeper will be used daily (during operation) to sweep roads and bitumised operational areas to prevent dust build up. b) Additives, including bagged fibre, pigment and bitumen modifier must be stored under cover to be protected from rain. 	
Containment infrastructure			
3.	Bitumen storage tank	a) The bitumen temperature shall be monitored	

	Site infrastructure and equipment	Operational requirement	Infrastructure location Premises map in Schedule 1
		via the Process Control System, which must be programmed to alarm at temperatures >180°C.	
4.	Raw material storage bins (sand, aggregate and RAP).	<ul style="list-style-type: none"> a) All trucks delivering aggregate must be kept covered until the point of unloading. b) All raw materials must be stockpiled in the storage bins and must not to exceed the height of the walls of the bins. c) Sprinkler system to be operational to ensure no visible dust leaves the storage bays. d) In dry windy conditions the stockpile aggregate must be kept damp to reduce wind-blown dust both from the surface of the stockpiles and from the aggregate when being tipped into the cold feed bins. 	Shown as: Raw material storage
5.	Stormwater treatment system consisting of: <ul style="list-style-type: none"> (i) Double Interceptor (ii) Drainage retention pond (with a freeboard of 300 mm) 	<ul style="list-style-type: none"> a) Ensure that the entrance to the double interceptor is not blocked. b) Ensure that all stormwater passes through the double interceptor operates such that no visible hydrocarbons or sediments are released into the environment. c) All wastewater from the double interceptor must be directed to the drainage retention pond. d) The Double Interceptor must be cleaned out once full. 	Shown as: <ul style="list-style-type: none"> i) Double Interceptor ii) Drainage retention pond
6.	Silos - hydrated lime and baghouse fines storage.	<ul style="list-style-type: none"> a) Filtered air pulse vent system to be operational and operational during filling. b) The silo vent filter shall be inspected a minimum of once per month. c) The silo vent filter cartridge must be replaced if it is found to be blocked, damaged or leaking when inspected. 	Shown in: Asphalt plant

Emissions

Authorised air emissions limits

2. The licence holder must ensure that the emissions from the discharge point listed in Table 2 do not exceed the corresponding limit(s) when monitored in accordance with condition 3.

Table 2: Emission limits

Discharge point shown in	Parameter	Limit ^{1, 2}
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Schedule 1		
A1 - Bag house exhaust stack	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.

Monitoring

- The licence holder must monitor emissions in accordance with Table 3.

Table 3: Emissions monitoring

Discharge point reference shown in Premises map in Schedule 1	Parameter	Frequency ¹	Reporting Units ^{2,3}	Method Sampling
A1 – Bag house exhaust stack	PM	Annually in the month of March	mg/m ³ and g/s	USEPA Method 5 or 17
	NOx			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.

- The licence holder must record the results of all monitoring activity required by condition 3.
- The licence holder must ensure that sampling required under condition 3 of this licence is undertaken at a sampling location in compliance with the AS 4323.1.
- The licence holder must ensure that all non-continuous sampling and analysis undertaken pursuant to condition 3 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.

Records and reporting

Records

- 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:
 - 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

- (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- 8.** 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 3 of this licence; and
 - (d) complaints received under condition 7 of this licence.
- 9.** The books specified under condition 8 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.

Reporting

- 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 an Annual Audit Compliance Report in the approved form by 31 January each annual period.
- 11.** The licence holder must:
- (a) prepare an Environmental Report that provides information in accordance with Table 4 for the preceding two annual periods, and
 - (b) submit that Environmental Report to the CEO by 31 January 2026 and biennially thereafter.

Table 4: 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 2: Emission limits	Emission monitoring results against licence limits expressed as a table.
Table 3: Emissions monitoring	<ul style="list-style-type: none"> i) Emission monitoring results summarised in a table. ii) Provide all laboratory documents.
Condition 7	Summary of any complaints

Condition	Requirement
Condition 10	Summary of compliance

Definitions

In this licence, the terms in Table 5 have the meanings defined.

Table 5: 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 are available on the Department’s website).
annual period	a 12 month period commencing from 01 February until 31 December of the immediately following year.
biennially	means every two years.
books	has the same meaning given to that term under the EP Act.
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; DWER	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.
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.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
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

Term	Definition
	granted.
pollution control equipment	refers to the infrastructure on the premises in which controls emissions and discharges this includes baghouse, double interceptor, drainage retention pond.
premises	refers to 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 licence.
prescribed premises	has the same meaning given to that term under the EP Act.
processed RAP	means RAP which has been crushed and/or screened to size for recycling into new asphalt production
RAP	Reclaimed Asphalt Pavement
STP dry	means standard temperature and pressure (0°Celsius and 101.3 kilopascals) dry
USEPA	means United States (of America) Environmental Protection Agency.
USEPA Method 2	means United States Environmental Protection Authority Method 2 – Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)
USEPA Method 5	means the USEPA Method 5 - Determination of Particulate Matter Emissions From Stationary Sources.
USEPA Method 7E	means the USEPA Method 7E - Determination of Nitrogen Oxides Emissions From Stationary Sources (Instrumental Analyzer Procedure).
USEPA Method 10	means the USEPA Method 10 - Determination of Carbon Monoxide Emissions From Stationary Sources (Instrumental Analyzer Procedure).
USEPA Method 17	means the USEPA Method 17 - Determination of Particulate Matter Emissions From Stationary Sources.
USEPA Method 18	means the USEPA Method 18 - Measurement of Gaseous Organic Compound Emissions By Gas Chromatography.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Map

Premises map

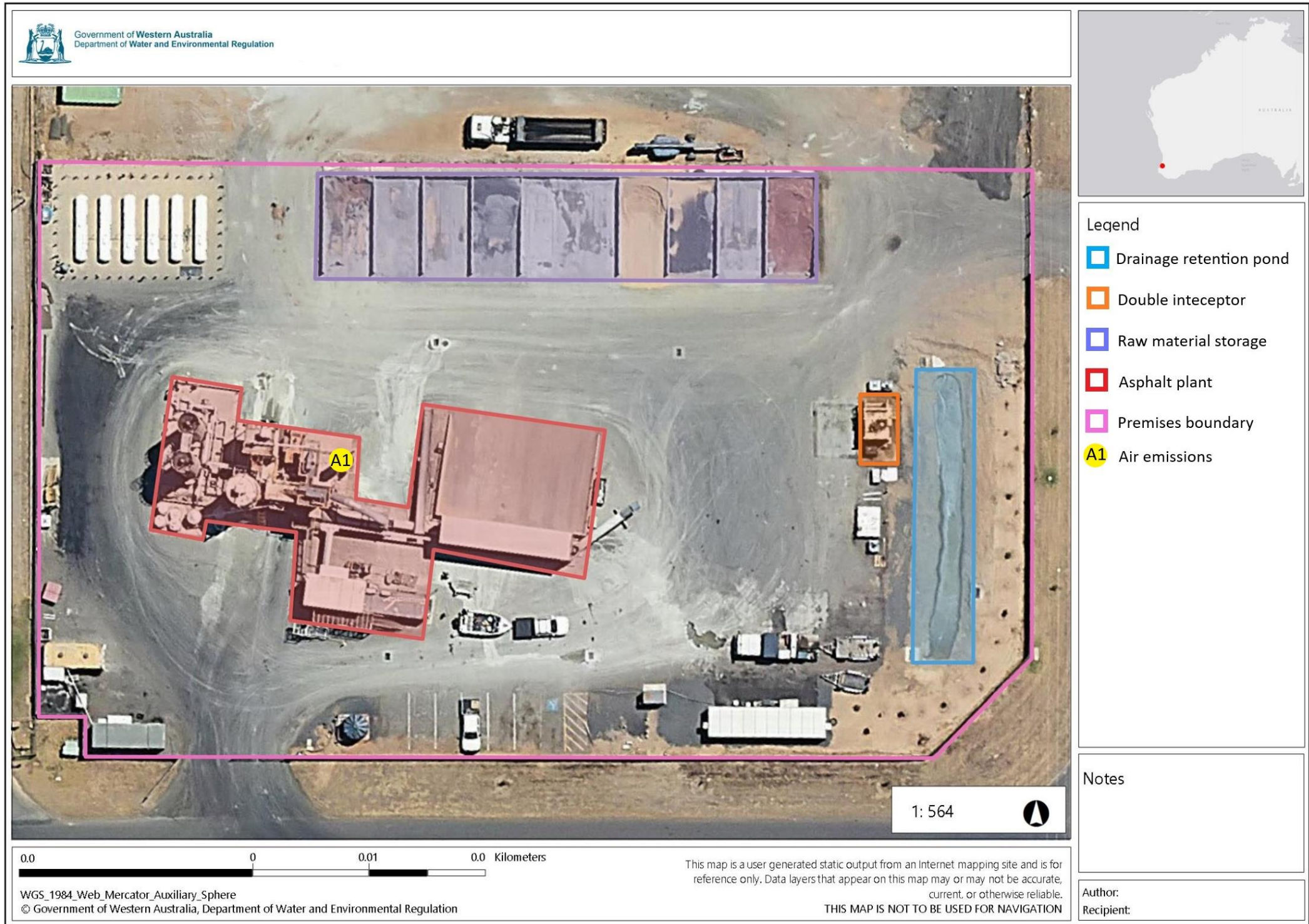


Figure 1: Map of the boundary of the prescribed premises (pink line) and site layout.