



Licence number	L9380/2023/1
Licence holder	WA Kaolin Limited
ACN	083 187 017
Registered business address	Lot 3 Ward Road EAST ROCKINGHAM WA 6168
DWER file number	DER2023/000139
Duration	18/05/2023 to 17/05/2043
Date of issue	18/05/2023
Premises details	Kaolin Mine and Process Plant 330 Sparks Road EAST WICKEPIN WA 6370
	Legal description - Mining tenement M70/1143

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 5: Processing or beneficiation of metallic or non-metallic ore	1,250,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 18 May 2023, by:

**SENIOR ENVIRONMENTAL OFFICER, INDUSTRY REGULATION
REGULATORY SERVICES**

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

[L9380/2023/1 \(18 May 2023\)](#)

Licence history

Date	Reference number	Summary of changes
18 May 2023	L9380/2023/1	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

- 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 equipment requirements

Site infrastructure and equipment	Operational requirement	Infrastructure location
Wickepin de-gritting plant, comprising: <ol style="list-style-type: none"> Feed hopper; Rotary kiln; Air separator; Dust collectors; and Exhaust stacks 	<ol style="list-style-type: none"> The Wickepin de-gritting plant infrastructure must be operated in an enclosed space; Ore transfer points must utilise dust suppression sprays and dust collection equipment; Visible dust at the premises must be controlled using water carts for dust suppression; Stockpiles must be maintained at optimal moisture or wetted down, if stored outdoors; Ore product must be bagged and sealed; Infrastructure must be maintained as per manufacturer's specifications; and Earthen bunds and drainage around the Wickepin de-gritting plant must be maintained adequately, with runoff directed to stormwater pond. 	Labelled as 'Degritting Plant Building', as depicted in Schedule 1: Maps, Figure 2.
Stormwater pond	<ol style="list-style-type: none"> Operational freeboard of at least 300 mm must be maintained; and Floating surface bund must be positioned and maintained at the stormwater discharge point, such that intercepted hydrocarbon can be removed from the discharged stormwater. 	Labelled as 'Stormwater Pond', as depicted in Schedule 1: Maps, Figure 2.

Emissions and discharges

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

Table 2: Authorised emission points

Emission point	Emission description	Emission point height	Emission point location
Rotary drier exhaust stack	Exhaust from rotary kiln	20 m above ground level or higher	Labelled as 'Rotary Drier Exhaust Stack', as depicted in Schedule 1: Maps, Figure 2.
Dust baghouse stack 1	Particulate matter captured by dust collectors, as part of the de-gritting process.		Labelled as 'Dust Baghouse (3) Stacks', as depicted in Schedule 1: Maps, Figure 2.
Dust baghouse stack 2			
Dust baghouse stack 3			

3. The licence holder must ensure that the discharges specified in Table 3 are discharged in accordance with the corresponding discharge requirements at the corresponding discharge point.

Table 3: Authorised discharge points

Discharge point	Discharge description	Discharge requirements	Emission point location
Mine Pit 1	Waste material, comprising sand, quartz and residual kaolin, produced as a by-product of the de-gritting process of kaolin ore.	<ol style="list-style-type: none"> 1. Waste material disposed to Mine Pit 1 must be sourced from Mine Pit 1; 2. Waste material can be temporarily stored at Pit 1 Sand Stockpile prior to discharge in Mine Pit 1; 3. Pit 1 Sand Stockpile must be controlled using water cart for dust suppression; and 4. Discharge must not occur at depths where the local water table is intercepted. 	Labelled as 'Pit 1 Sand Stockpile' and 'Mine Pit 1', as depicted in Schedule 1: Maps, Figure 1.
Mine Pit 2		<ol style="list-style-type: none"> 1. Waste material disposed in Mine Pit 2 must be sourced from Mine Pit 2; 2. Waste material can be temporarily stored at Pit 2 Sand Stockpile prior to discharge in Mine Pit 2; 3. Pit 2 Sand Stockpile must be controlled using water cart for dust suppression; and 4. Discharge must not occur at depths where the local water table is intercepted. 	Labelled as 'Pit 2 Sand Stockpile' and 'Mine Pit 2', as depicted in Schedule 1: Maps, Figure 1.

4. The licence holder must ensure that no visible dust, generated from prescribed activities and relevant infrastructure, crosses the boundary of the premises.

Monitoring

5. The licence holder must monitor the parameters specified in Table 4 in accordance with the specifications detailed in Table 4.

Table 4: Process monitoring

Parameter	Unit	Frequency	Method
Amount of ore processed at the Wickepin de-gritting plant	tonnes	Monthly	None specified.
Amount of waste sand material produced from the Wickepin de-gritting plant			
Amount of waste material discharged at Mine Pit 1			
Amount of waste material discharged at Mine Pit 2			

Records and reporting

6. 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.
- 7.** 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 30 calendar days after the end of that annual period an Annual Audit Compliance Report in the approved form.
- 8.** The licence holder must:
- (a) prepare an environmental report that provides information in accordance with the requirements set out in Table 5 for the preceding two annual periods; and
 - (b) submit that environmental report to the CEO by no later than 30 calendar days after the end of every second annual period.

Table 5: Environmental report requirements

Condition	Parameter	Format or form
----	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period, and any actions taken.	None specified.
----	Any relevant process, production or operational data	None specified.
Condition 5	Process monitoring data	Tabulated format.
Condition 6	Complaints summary	None specified.

- 9.** 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 conditions 1, 3 and 4 of this licence;
 - (c) any maintenance of infrastructure that is performed in the course of complying with condition 1 of this licence;
 - (d) monitoring undertaken in accordance with condition 5 of this licence; and
 - (e) complaints received under condition 6 of this licence.
- 10.** The books specified under condition 9 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 July until 30 June of the immediately following year.
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	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)
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point.
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.
monthly period	means a one-month period commencing from the first day of a month until the last day of the same month.

Term	Definition
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 in Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).

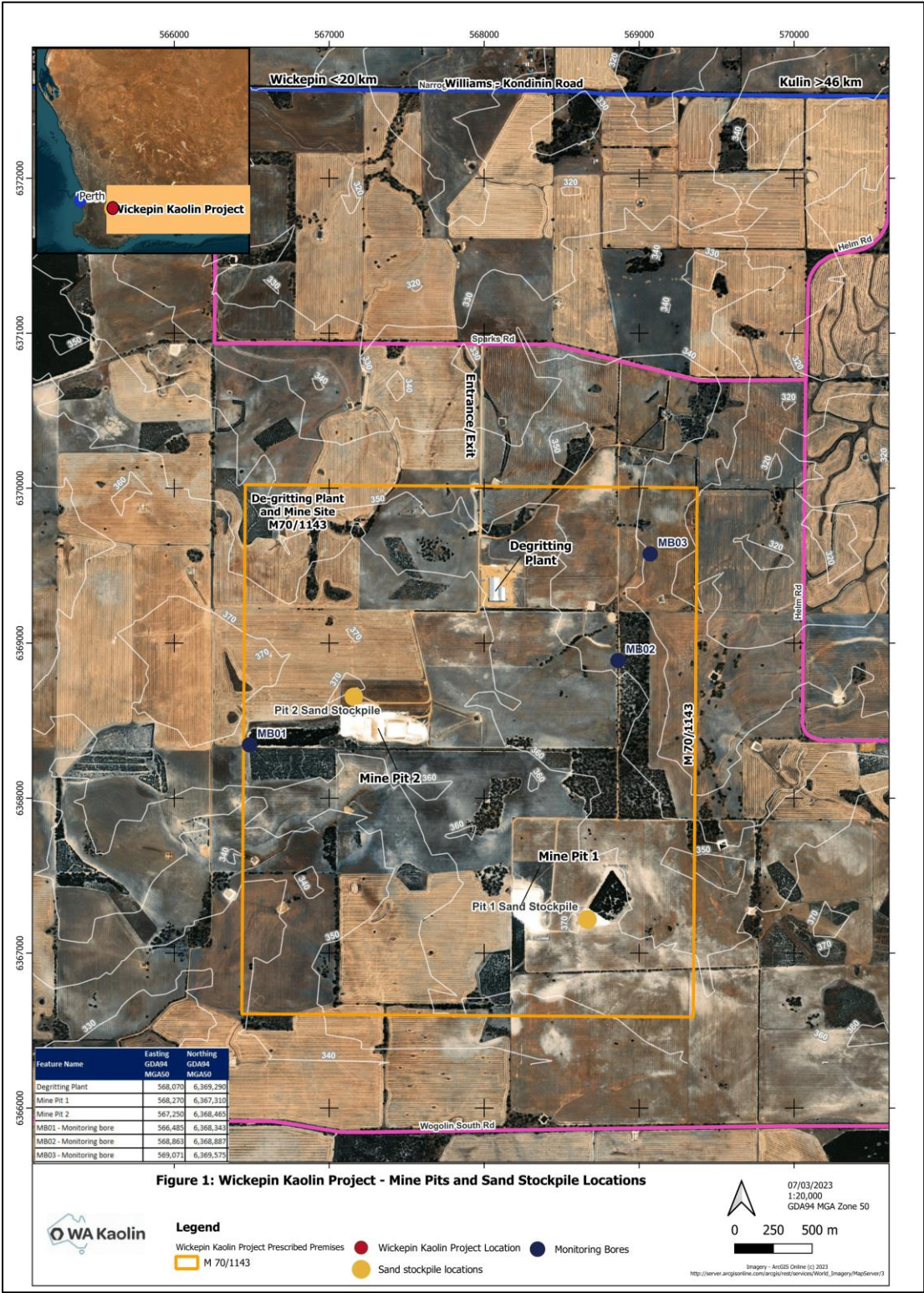


Figure 1: Map of the boundary of the prescribed premises

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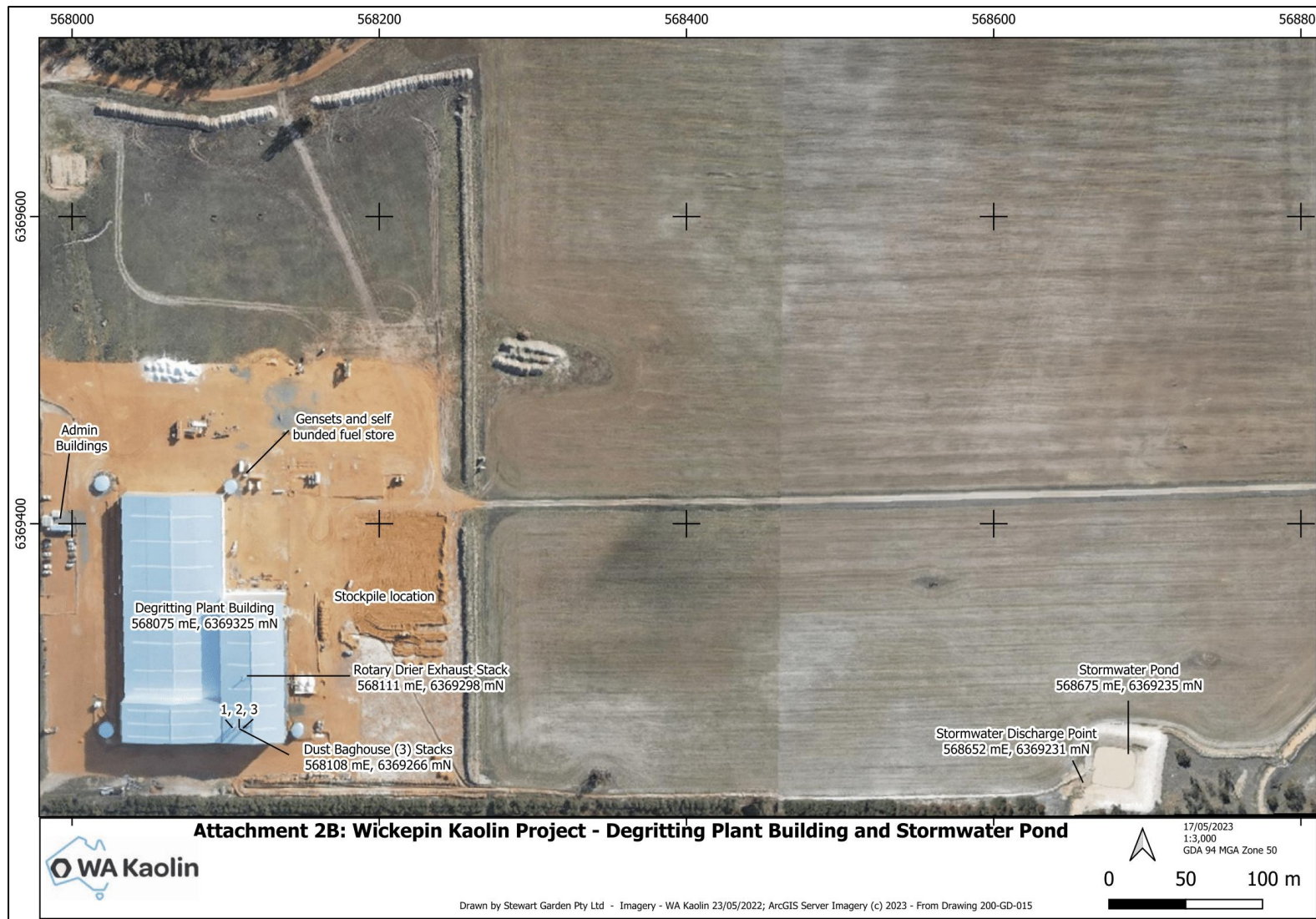


Figure 2: Site infrastructure and emission stack locations

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IR-T06 Licence template (v8.0) (September 2022)