



Works approval number W3169/2025/1

Works approval holder Coogee Chlor Alkali Pty Ltd
ACN 009 276 635

Registered business address Corner of Patterson & Kwinana Beach Rd
Kwinana Beach WA 6167

DWER file number INS-0003169

Duration 07/04/2026 to 07/04/2029

Date of issue 07/04/2026

Premises details Coogee Chlor Alkali Kemerton Plant
Marriot Road
KEMERTON WA 6233
Legal description -
Part of Lot 1 on Diagram 73196 and Part of Lot 254
on Plan 416516 as depicted in Schedule 1
As defined by the coordinates in Schedule 2 of the
Works Approval

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 31: Chemical Manufacturing	90,000 tonnes per annum

This works approval is granted to the works approval holder, subject to the attached conditions, on 07 April 2025, by:

MANAGER PROCESS INDUSTRIES

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

Works approval history

Date	Reference number	Summary of changes
07/04/2026	W3169/2025/1	Works approval granted.

Interpretation

In this works approval:

- (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 works approval:
 - (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 works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

Construction phase

Infrastructure and equipment

1. The works approval holder must:
 - (a) construct and/or install the infrastructure and/or equipment;
 - (b) in accordance with the corresponding design and construction / installation requirements; and
 - (c) at the corresponding infrastructure location.

as set out in Table 1.

Table 1: Design and construction installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	One sodium hypochlorite storage tank and associated concrete plinth	<ol style="list-style-type: none"> (a) Tank must be constructed from fibre reinforced plastic (b) Tanks must be manufactured in accordance with the British Standard <i>BS EN 13121 GRP tanks and vessels for use above ground</i> (c) Tank, foundation and connections must be constructed / installed in accordance with <i>Australian Standard AS 3780:2023 The storage and handling of corrosive substances.</i> (d) Tank must have a maximum capacity up to 125 m³ (e) Tank must be equipped with an automatic shut off valve managed via a DCS (f) Tank must be equipped with a 6" free vent (g) Any unsealed areas must be wet down during earthworks 	Shown in, Schedule 1 Figure 2, labelled 10VT07
2.	Three hydrochloric acid (HCl) storage tanks	<ol style="list-style-type: none"> (a) Tanks must be constructed from fibre reinforced plastic (b) Tanks must be manufactured in accordance with the British Standard <i>BS EN 13121 GRP tanks and vessels for use above ground</i> (c) Tanks and connections must be installed in accordance with <i>Australian Standard AS 3780:2023 The storage and handling of corrosive substances.</i> (d) Each tank must have a maximum capacity up to 125m³ (e) Each tank must be equipped with an automatic shut off valve managed via a DCS (f) Vents from all storage tanks must be connected to existing Lurgi scrubber 10AP01 	Shown in, Schedule 1 Figure 2, labelled 12VT04, 12VT05 and 12VT06.

Compliance reporting

2. The works approval holder must within 28 calendar days of an item of infrastructure or equipment required by condition 1 being constructed and/or installed:
 - (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
 - (a) certification by a suitably qualified engineer that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
 - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
 - (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Records and reporting (general)

4. The works approval holder must record the following information in relation to complaints received by the works approval 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 works approval holder to investigate or respond to any complaint.
5. The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
 - (a) the works conducted in accordance with condition 1; and
 - (b) complaints received under condition 4.
6. The books specified under condition 5 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 works approval holder for the duration of the works approval; and
 - (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 2 have the meanings defined.

Table 2: Definitions

Term	Definition
averaging period	means the time over which a limit or target is measured or a monitoring result is obtained
books	has the same meaning given to that term under the EP Act.
BS EN 13121	means British Standard BS EN 13121 - <i>GRP tanks and vessels for use above ground</i>
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
DCS	means distributed control system
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.
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 (WA)</i> .
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i> .
HCL	Hydrochloric acid
premises	the premises to which this works approval applies, as specified at the front of this works approval and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
Suitably qualified engineer	means a person who: a) holds a Bachelor of Engineering degree recognised by Institution of Engineers Australia (IEAust) or the Institute of Chemical Engineers (ICChemE); and b) has a minimum of five years of experience working in a relevant engineering field; or is otherwise approved in writing by the CEO to act in this capacity.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the

Term	Definition
	conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

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



Figure 2: Locations of new chemical storage tanks

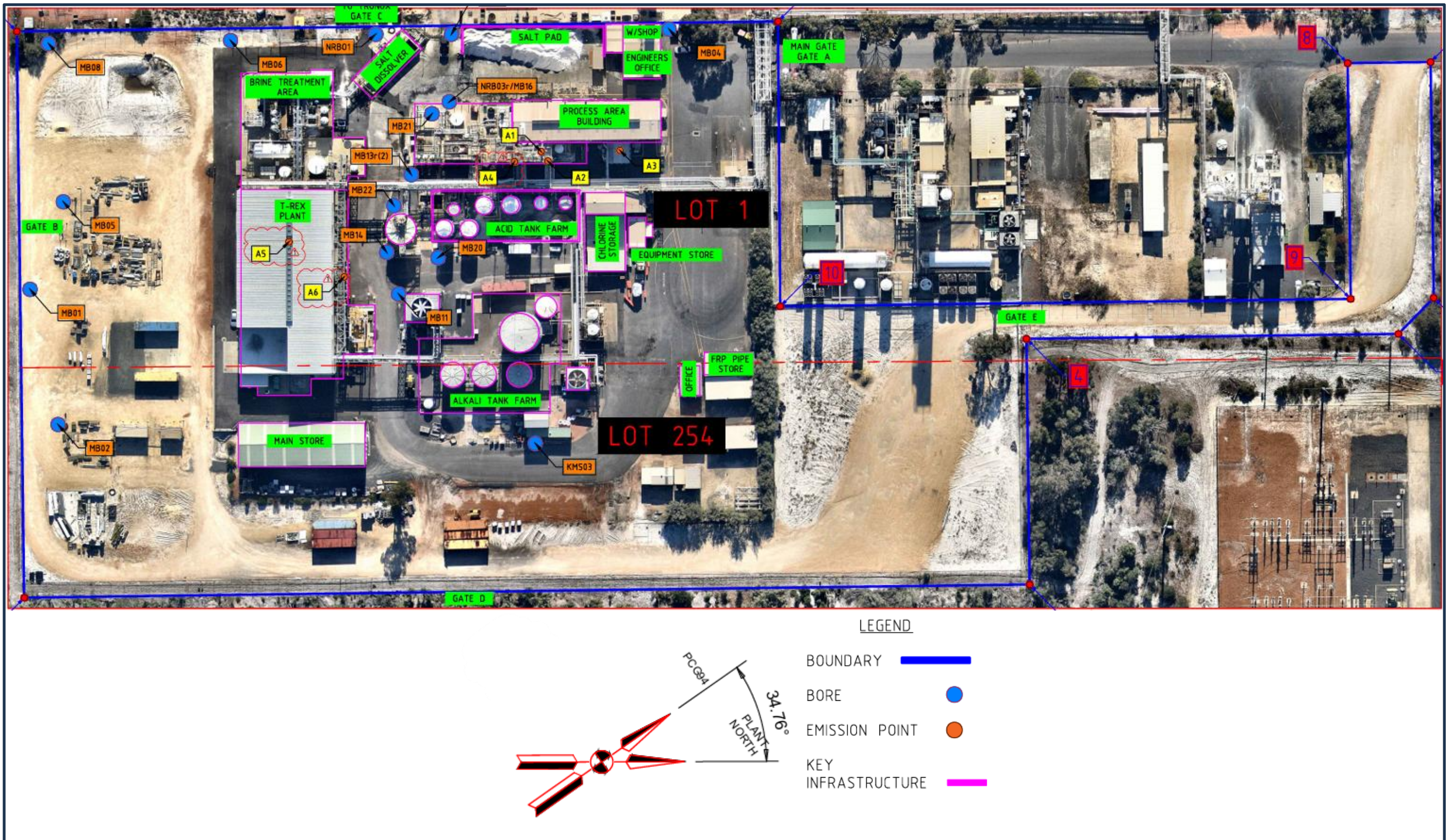


Figure 3: Map of Emission Points

Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 3.

Table 3: Premises boundary coordinates (PCG94)

	Easting	Northing
1.	44543.789	122962.166
2.	44702.778	122964.247
3.	44699.084	123246.383
4.	44630.09	123245.48
5.	44628.723	123349.866
6.	44618.593	123359.76
7.	44552.399	123358.894
8.	44552.704	123335.615
9.	44618.898	123336.482
10.	44620.995	123176.395
11.	44540.995	123175.77