



Licence Number	L8631/2012/2
Licence Holder	Enaex Australia Pty Ltd
ACN	009 687 487
Registered business address	8 Melva Place MOUNT THORLEY NSW 2330
File Number	2011/011299-1
Duration	28/09/2021 to 27/09/2031
Date of issue	24 September 2021
Premises	Collie ANE Manufacturing Facility Part of Mining Tenement M70/262 Powerhouse Road, COLLIE WA 6225 Legal description - Part of State Forest No. 4 As defined by the map in Schedule 1 plus coordinates depicted in Schedule 2.

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 33: Chemical blending or mixing: premises on which chemicals or chemical products are mixed, blended or packaged in a manner that causes or is likely to cause a discharge of waste in the environment.	40,000 tonnes per year.

This licence is granted to the licence holder, subject to the following conditions, on 24 September 2021, by:

Neville Welsh

SENIOR INDUSTRY REGULATION OFFICER

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

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Licence history

Date	Reference number	Summary of changes
1/10/2012	L8631/2012/1	<i>New Licence application.</i>
29/04/2016	L8631/2012/1	<i>Amended to extend expiry date from 27 September 2017 to 27 September 2021.</i>
28/09/2021	L8631/2012/2	<i>New Administrative Licence Renewal including new Licence Holder contact details with ten year duration.</i>

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

Infrastructure and equipment

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

Table 1: Infrastructure and equipment controls table

Column 1	Column 2
Site infrastructure and equipment	Operational requirement
Approximately 300kL surface water containment pond	Maintain a pond capacity so as to retain and treat stormwater from a 1 in 10 two-hour average storm event as to reduce suspended solids discharging off-site. Maintain the 1 mm thick HDPE pond liner at a permeability of less than 1×10^{-9} m/s. Maintain pond banks from runoff which may cause erosion.
Surface water containment ponds	Maintain and prevent the pond discharge from becoming blocked.
Site groundwater monitoring network	Maintain nearby surroundings ensuring the bore datum remains stable. Maintain the monitoring bore performance ensuring representative water quality samples are collected.
Chemical containers such as the 40 kL Diesel tank, 3 by 55kL and 1 by 30kL ANE tanks, 26kL ANSol tank and IBC's of Gas A & Gas B.	Existing bunded storage areas must be maintained to contain and control emergency spills and discharges.

Monitoring Emissions

Monitoring of Stormwater

- 2 The licence holder shall take representative water samples from the monitoring site shown in column 1 Table 2 at the frequencies stated in column 2 Table 2, and have analysed for the parameters listed in column 3 Table 2.

Table 2: Water monitoring schedule

Column 1	Column 2	Column 3
Monitoring site	Sampling Frequency	Parameters to be measured
(i) At the large stormwater discharge point location or when discharge has ceased at a point which is closest to this discharge point.	(ii) Within 48 hours of a rainfall event that causes a discharge to the environment from the discharge point.	Ammoniacal nitrogen (as Nitrogen)
		Total Phosphorus
		Total Dissolved Solids
		Total Petroleum Hydrocarbon

- 3 The licence holder shall ensure that all water samples required by condition 2 are collected, handled and preserved in accordance with AS/NZS 5667 and have analyses conducted by an organisation with current NATA accreditation for the specified parameters.
- 4 The licence holder shall compare the results of the water monitoring required by condition 2, to the targets in Column 2 of Table 3, for the parameters in Column 1 of Table 3 and present this information in the Annual Environmental Report.

Table 3: Discharge parameters and targets for large pond

Column 1	Column 2
Parameter	Target Level
Ammoniacal nitrogen (as Nitrogen)	20 mg/L
Total Phosphorus	No target specified
Total Dissolved Solids	1005 mg/l
Total Petroleum Hydrocarbon	30 mg/l

Monitoring of Groundwater

- 5 The licence holder shall implement the approved groundwater monitoring program titled Downer EDI Mining – Collie Ammonium Nitrate Emulsion Manufacturing Facility Surface and Groundwater Monitoring Program, Revision 1 dated 21 December 2012.

Hydrocarbon and Chemical Storage

- 6 The licence holder shall immediately recover, or remove and dispose of spills or leaks of materials outside the of its storage vessel.

Records and reporting

- 7 The licence holder shall by 31 August each year, provide to the Director an Annual Environmental Report containing the monitoring results and data collected as a requirement of any condition of this licence during the period 1 July the previous year and ending on 30 June of that year. The report shall contain, but not be limited to the following:
- (a) monitoring data or other collected data required by any condition of this licence;
 - (b) an assessment of the data against any limits and/or targets set or other environmental guidelines or policies referred to in this licence and data from previous years' monitoring;
 - (c) a summary of any data exceeding those limits and/or targets, guidelines or policies including information on why the exceedance occurred (if known) and action taken by the Licensee to prevent recurrence of such exceedance;
 - (d) a list of any monitoring methods used to collect and analyse data required by any condition of this licence to demonstrate they comply with the methods specified in this licence;
 - (e) a summary of any issues raised by DEC (e.g. arising from inspections) during the reporting period, details on how these have been addressed or rectified or, if the required work has yet to be completed, how and when they will be rectified or completed;
 - (f) number of spills or discharges of environmental hazardous substances which occurred otherwise than in accordance with the conditions of this licence, the actions taken to address these spills or discharges and future preventative measures.
- 8 The licence holder shall complete an Annual Audit Compliance Report (AACR) by 31 August in each year, indicating the extent to which the licence holder has complied with the conditions of the licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

Note 1: AACR Form is available from the DWER website

Definitions

In this licence, the terms in Table 4 have the meanings defined.

Table 4: Definitions

Term	Definition
ACN	Australian Company Number
AS/NZS 5667"	means the most recent version and relevant parts of the Australian and New Zealand series of guidance standards on Water Quality Sampling;
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 1 July until 30 June of the following year.
Background groundwater	means the groundwater not affected by contamination from the prescribed premises activities;
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 by email to: 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)
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.
m/s	means metres per second.
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(s) in Schedule 1 and 2 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: Premises Map

The Premises is shown in the map below. The green line depicts the premises boundary.



Schedule 2: Premises boundary coordinates

The premises boundary is defined by the coordinates in **Table 5**.

Table 5: Premises boundary coordinates (GDA94)

Reference Pt	Easting	Northing	Zone
1	431736	6302099	50
2	431732	6302163	50
3	431785	6302205	50
4	431804	6302089	50
5	431800	6302053	50
6	431794	6302031	50
7	431736	6302054	50
8	431756	6302056	50