



Works approval number	W6654/2022/1
Works approval holder	CSBP Limited
ACN	008 668 371
Registered business address	Level 14, 123 St Georges Terrace PERTH WA 6000
DWER file number	DER2021/000729
Duration	08/06/2022 to 07/06/2025
Date of issue	08/06/2022
Premises details	CSBP Geraldton Depot 280 North West Coastal Highway WEBBERTON WA 6530 Legal description - Being Lot 103 on Plan 35689 and Lot 105 on Diagram 26864, as depicted in Schedule 1

Prescribed premises category description (Schedule 1, Environmental Protection Regulations 1987)	Assessed design capacity
Category 33: Chemical blending or mixing: premises on which chemicals or chemical products are mixed, blended or packaged in a manner that is likely to cause a discharge of waste into the environment.	507,000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 8 June 2022, by:

Daniel Hartnup

**A/MANAGER PROCESS INDUSTRIES
REGULATORY SERVICES**

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

Works approval history

Date	Reference number	Summary of changes
08/06/2022	W6654/2022/1	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) install the infrastructure;
 - (b) in accordance with the corresponding design and installation requirements; and
 - (c) at the corresponding infrastructure location,as set out in Table 1.

Table 1: Design and installation requirements

	Infrastructure	Design and installation requirements	Infrastructure location
1.	Pond 1 lining system	<ul style="list-style-type: none">• Must install a single HDPE geomembrane liner system comprising a manufacturer specified thickness of at least 1.5 mm;• HDPE geomembrane must comply with the requirements specified in condition 2	Pond 1 in Schedule 1 Figure 2

High density polyethylene geomembrane

2. The works approval holder must ensure the HDPE geomembrane liner complies with the properties listed in Table 2 and is installed in accordance with the requirements specified in that table.

Table 2: HDPE liner installation requirements

	Item	Property/construction requirement
1.	Liner properties	HDPE liners must have the following properties: <ul style="list-style-type: none">• Minimum thickness of 1.35 mm;• Specific gravity of 0.94 or more;• Melt index of 0.05 g to 0.30 g in 10 minutes;• Carbon black content of 2-3%;• Minimum tensile strength at yield of 16,000 kN/m² or 22kN/m calculated by sample width;• Minimum tensile strength at break of 550 kN/m² or 37 Kn calculated from sample width;• Minimum elongation at yield of 10%, and at break 300%.
2.	Liner fabrication	<ul style="list-style-type: none">• Liners must be fabricated to form the shape of the pond embankments;• All seams and joins made on the premises must be continuous;• Panels of the liner must be overlapped by a minimum of 100 mm, prior to heat welding or mechanical joining
3.	Welding materials	<ul style="list-style-type: none">• Membrane welding materials must be supplied by the liner manufacturer, and be identical with the liner membrane
4.	Seams and joints	<ul style="list-style-type: none">• All seams and joins must be constructed and tested as watertight over their full length using a vacuum box test and air pressure test
5.	Shear resistance	<ul style="list-style-type: none">• Shear resistance must be tested in accordance with ASTM D5321

Compliance audit and reporting

3. The works approval holder must within 28 calendar days of the infrastructure specified in condition 1 being installed:
 - (a) undertake an audit of their compliance with the requirements of condition 1 for that infrastructure; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
4. The Environmental Compliance Report required by condition 3, must include as a minimum:
 - (a) certification by a suitably qualified engineer, whether the items of infrastructure or components 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)

5. The works approval holder must record the following information in relation to complaints received by the works approval holder (whether 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);
 - (a) the time and date of the complaint;
 - (b) the complete details of the complaint and any other concerns or issues raised; and
 - (c) the complete details and dates of action(s) taken by the works approval holder to investigate or respond to any complaint.
- 6.** 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 5.
- 7.** The books specified under condition 6 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 3 have the meanings defined.

Table 3: Definitions

Term	Definition
ASTM D5321	means the Active Standard ASTM D5321 / D5321M <i>Standard test method for determining the shear strength of soil-geosynthetic and geosynthetic interfaces by direct shear</i>
books	has the same meaning given to that term under 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
condition	means a condition to which this works approval is subject under s.62 of the EP Act
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
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure has been installed in accordance with the works approval
EP Act	<i>Environmental Protection Act 1986</i> (WA)
HDPE	High density polyethylene
premises	the premises to which this works approval applies, as specified at the front of this licence 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 holds a tertiary academic qualification in engineering and has a minimum of 5 years experience working in their area of expertise
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 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 red in the map below (Figure 1).



Figure 1: Map of the boundary of the prescribed premises



Figure 2: Map of stormwater pond locations