



<b>Licence number</b>	L9345/2022/1
<b>Licence holder</b>	Brownes Food Operations Pty Ltd
<b>ACN</b>	146 849 881
<b>Registered business address</b>	22 Geddes Street BALCATTWA WA 6021
<b>DWER file number</b>	DER2022/000352
<b>Duration</b>	21/11/2022 to 27/09/2025
<b>Date of issue</b>	21/11/2022
<b>Premises details</b>	Brownes Whey Meeking 238 Roccis Road MEEKING  Legal description - LOT 2970 ON PLAN 94319, LOT 2159 ON PLAN 126867, LOT 2618 ON PLAN 141289, LOT 3146 ON PLAN 85002, LOT 2160 ON PLAN 126868, LOT 2972 ON PLAN 84329 and LOT 2161 ON PLAN 126869.

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production / design capacity</b>
Category 61: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	10,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 21 November 2022, by:

**Steve Checker**

**MANAGER WASTE INDUSTRIES**

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

## Licence history

Date	Reference number	Summary of changes
21/11/2022	L9345/2022/1	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

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 equipment requirements**

Site infrastructure and equipment	Operational requirement	Infrastructure location
T1 Storage Tank	<ul style="list-style-type: none"> <li>• 50,000 litre tank;</li> <li>• be able to receive and store whey inflow of up to 10,000 kL per annual period;</li> <li>• overtopping of the tanks does not occur; and</li> <li>• the integrity of the containment infrastructure is maintained.</li> </ul>	Schedule 1 Map of Irrigation area
T2 Storage Tank	<ul style="list-style-type: none"> <li>• 50,000 litre tank;</li> <li>• be able to receive and store whey inflow of up to 10,000 kL per annual period;</li> <li>• overtopping of the tanks does not occur; and</li> <li>• the integrity of the containment infrastructure is maintained.</li> </ul>	

2. The licence holder must only accept onto the premises waste of a waste type, which does not exceed the corresponding rate at which waste is received, and which meets the corresponding acceptance specification set out in Table 2.

**Table 2: Types of waste authorised to be accepted onto the premises**

Waste type	Rate at which waste is received	Acceptance specification
Whey	10,000kL per annual period	Delivered into the premises and transferred into either of: <ul style="list-style-type: none"> <li>• 2 x 50,000 L Storage tank.</li> </ul>

3. The licence holder shall ensure that where waste does not meet the waste acceptance criteria set out in Table 2 is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility as soon as practicable.

4. The licence holder must ensure that the waste types specified in Table 3 are only subjected to the corresponding process(es), subject to the corresponding process limits and/or specifications.

**Table 3: Waste processing**

Waste type	Process(es)	Process limits and/or specifications
Whey	Physical storage	<ul style="list-style-type: none"> <li>Only to be receipted, consolidated, stored, within an impervious 50,000 L tank capable of preventing spillage.</li> <li>Whey is to be irrigated to one of the 200 ha irrigation areas onsite within 24 hours of receipt</li> </ul>

## Emissions and discharges

### Whey disposal

5. The licence holder must:
- during each annual period, irrigate no more than
    - 70 kg/ha/year of nitrogen
    - 17.5 kg/ha/year of phosphorus; and
    - 2.5 kg/ha/day of BOD
 to separate irrigation areas of not more than 200 ha within the area shown in green shading in Schedule 1: Map of Irrigation area;
  - ensure that each separate irrigation area is not irrigated with whey more frequently than once every three years;
  - irrigate whey evenly over the irrigation area in a manner such that ponding or pooling of whey does not occur;
  - the slope of the irrigation area/land shall be 0 to 6%, if it is >6 to 12% soil conservation practices are necessary to minimise erosion;
  - whey is not to be irrigated during rainfall events and when heavy rains are forecast;
  - ensure that any whey-contaminated runoff does not leave the irrigation areas shown in green shading in Schedule 1: Map of Irrigation area;
  - ensure that whey or whey-contaminated runoff does not enter any water course, water body or riparian zone;
  - maintain minimum buffers for the irrigation of whey as follows;
    - 50 m from any other watercourse or water body;
    - 100 m from private water bores;
    - 50 m agricultural stock and domestic non-drinking water supply bores; and
    - 25 m from any public road.
  - keep accurate and auditable records relating to the annual irrigation of whey within each irrigation area at the Premises; and

- (j) submit to the CEO a map of the irrigation area at the Premises with the Annual Environmental Report required under condition 11.

## Monitoring

6. The licence holder must record the total amount of waste accepted onto the premises, for each waste type listed in Table 4, in the corresponding unit, and for each corresponding time period, as set out in Table 4.

**Table 4: Waste accepted onto the premises**

Waste type	Unit	Time period
Whey	litres	Each load accepted at the premises.

7. The licence holder must monitor emissions:
- at the corresponding monitoring location;
  - for the corresponding parameter;
  - at the corresponding frequency;
  - for the corresponding averaging period;
  - in the corresponding unit; and
  - using the corresponding method,
- as set out in Table 5.

**Table 5: Emissions and discharge monitoring**

Monitoring location	Parameter	Frequency	Averaging period	Unit	Method
					Sampling
Outlet pipe of processing plant prior to filling Tanker	pH	Once during September to November period	Spot sample	mg/L	AS5667.10.1998
	Total Phosphorus				
	Total Nitrogen				
	Biochemical Oxygen Demand				
	Volume	Continuous	Continual	L	Flow metering device

8. The licence holder must submit all water samples required in condition 7 to a laboratory with current NATA accreditation of the analyses of samples specified in condition 7 Table 5.

## Records and reporting

9. 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.
- 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 by no later than 60 days after the end of that annual period an Annual Audit Compliance Report in the approved form.
- 11.** The licence holder must submit to the CEO by no later than 60 calendar days after the end of each annual period, an Annual Environmental Report for that annual period for the conditions listed in Table 6, and which provides information in accordance with the corresponding requirement(s) set out in Table 6.

**Table 6: Annual Environmental Report**

Conditions	Requirement
7	<ul style="list-style-type: none"> <li>(a) volume (L) of whey applied to each irrigation area, and monthly cumulative volumes presented in table format;</li> <li>(b) map of each whey application area for the annual period with respective irrigation volumes;</li> <li>(c) whey monitoring data in tabulated and graphical form including the sampling date;</li> <li>(d) tabulated monthly and annual loadings of pH, Total Nitrogen, Total Phosphorus and Biochemical Oxygen Demand applied to each irrigation area, including an explanation of the basis for determining loading rates;</li> <li>(e) an assessment and interpretation of the data, including comparison to historical trends and loading limits; and</li> <li>(f) copies of laboratory sample analysis reports.</li> </ul>

- 12.** 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 6 and 7 of this licence; and
  - (d) complaints received under condition 9 of this licence.

- 13.** The books specified under condition 12 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 7 have the meanings defined.

**Table 7: Definitions**

Term	Definition
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).
ACN	Australian Company Number
AS5667.10.1998	Means the most recent version of Australian Standard AS/NZS 5667.10 Water quality – sampling – guidance on sampling of waste waters
annual period	a 12 month period commencing from 1 August until 31 July of the immediately following year.
books	has the same meaning given to that term under the EP Act.
BOD	Biochemical Oxygen Demand
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: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
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.



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.

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**END OF CONDITIONS**

## Schedule 1: Maps

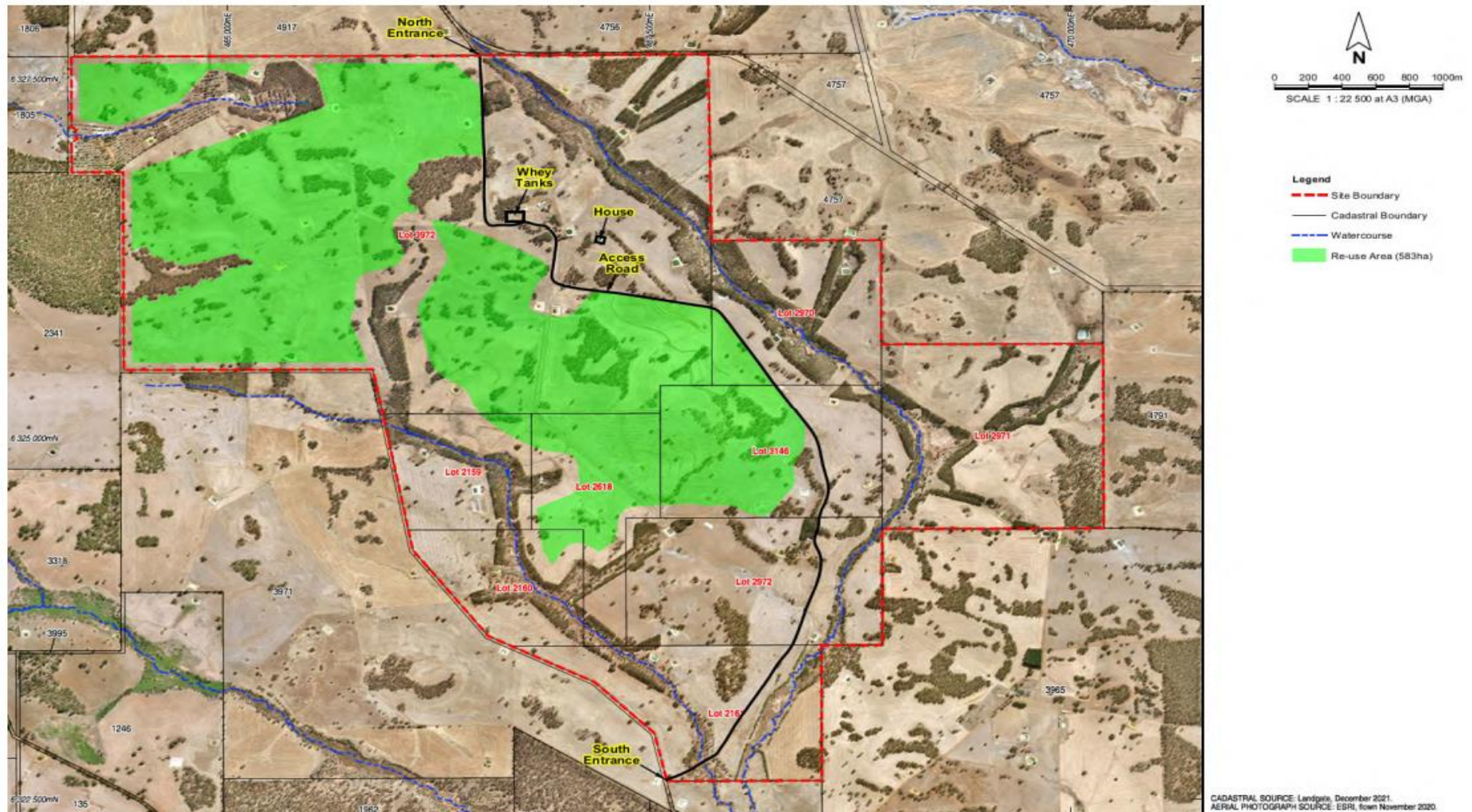
### Premises map

The boundary of the prescribed premises is shown in the map below in red.





## Map of Irrigation area



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IR-T06 Licence template (v7.0) (February 2020)