



**Licence Number** L7210/1997/10

**Licence Holder** Mushroom Exchange Pty Ltd  
**ACN** 004 527 440

**Registered business address** 271-279 Robinsons Rd  
RAVENHALL VIC 3023

**File Number** DER2010/010225

**Duration** 26 April 2000 to 25 April 2023

**Date of issue** 14 April 2011

**Date of Amendment** 21 April 2020

**Prescribed Premises** Category 67A: Compost manufacturing and soil blending

**Premises** Mushroom Exchange Pty Ltd  
230 Gull Road  
NAMBEELUP WA 6207  
SHIRE OF MURRAY

Lot 89 on Deposited Plan 741  
Certificate of Title Volume 1112 Folio 243

Bound by the coordinates:

	<b>Easting</b>	<b>Northing</b>
1	390978.80	6404489.63
2	390953.40	6404377.67
3	390980.97	6404369.87
4	390979.68	6404362.15
6	390895.00	6404377.44
7	390872.11	6404365.44
8	390905.79	6404300.95
9	391082.22	6404252.00

This Licence is granted to the Licence Holder, subject to the following conditions, on  
21 April 2020, by:

Tracey Hassell  
A/MANAGER WASTE INDUSTRIES  
REGULATORY SERVICES  
*Officer delegated under section 20 of the Environmental Protection Act 1986*

## Explanatory Notes

These Explanatory Notes do not form part of this Licence.

### Defined terms

---

Definition of terms used in this Licence can be found at the start of this Licence. Terms which are capitalised are defined terms.

### Department of Water and Environmental Regulation

---

The Department is the agency responsible for administering Part V of the *Environmental Protection Act 1986* (WA) (EP Act) for the regulation of Prescribed Premises. The Department also monitors and audits compliance with licences, takes enforcement action and develops and implements licensing and industry regulation policy.

### Licence

---

Section 56 of the EP Act provides that an occupier of Prescribed Premises commits an offence if Emissions are caused or increased or permitted to be caused or increased, or Waste, noise, odour or electromagnetic radiation is altered or permitted to be altered from Prescribed Premises, except in accordance with a works approval or licence.

Categories of Prescribed Premises are defined in Schedule 1 of the *Environment Protection Regulations 1987* (WA).

This Licence does not authorise any activity which may be a breach of another approval by another authority. For example, if the Premises have been assessed under Part IV of the EP Act, the Licence Holder is still required to comply with any conditions imposed by the Minister for Environment under Part IV.

It is the responsibility of the Licence Holder to ensure that any action or activity referred to in this Licence is permitted by, and is carried out in compliance with, statutory requirements.

The Licence Holder must comply with the Licence. Contravening a Licence Condition is an offence under section 58 of the EP Act.

### Responsibilities of Licence Holder

---

Separate to the requirements of this Licence, general obligations of Licence Holders are set out in the EP Act and the regulations made under the EP Act. For example, the Licence Holder must comply with the following provisions of the EP Act:

- the duties of an occupier under section 61; and
- restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice (section 53).

Strict penalties apply for offences under the EP Act.

### Reporting of incidents

---

The Licence Holder has a duty to report to the Department all Discharges of Waste that have caused or are likely to cause Pollution, Material Environmental Harm or Serious Environmental Harm, in accordance with section 72 of the EP Act.

### Offences and Defences

---

The EP Act and its regulations set out a number of offences including:

- Offence of emitting an Unreasonable Emission from any Premises under section 49;
- Offence of causing Pollution under section 49;

- Offence of dumping Waste under section 49A;
- Offence of discharging Waste in circumstances likely to cause pollution under section 50;
- Offence of causing Serious Environmental Harm (section 50A) or Material Environmental Harm (section 50B);
- Offence of causing Emissions which do not comply with prescribed standards (section 51);
- Offences relating to emissions or discharges under regulations prescribed under the EP Act, including materials discharged under the *Environmental Protection (Unauthorised Discharges) Regulations 2004 (WA)*;
- Offences relating to noise under the *Environmental Protection (Noise) Regulations 1997 (WA)*.

Defences to certain offences may be available to a Licence Holder and these are set out in the EP Act.

Section 74A(b)(iv) provides that it is a defence to an offence for causing Pollution, in respect of an Emission, or for causing Serious Environmental Harm or Material Environmental Harm, or for discharging or abandoning Waste in water to which the public has access, if the Licence Holder can prove that an Emission or Discharge occurred in accordance with a Licence.

This Licence specifies the Emissions and Discharges, and the limits and Conditions which must be satisfied in respect of Specified Emissions and Discharges, in order for the defence to offence provision to be available.

#### [Authorised Emissions and Discharges](#)

---

Section 56 of the EP Act provides that the occupier of any prescribed premises who -

- (a) causes or increases, or permits to be caused or increased, an emission; or
- (b) alters or permits to be altered the nature of the waste, noise, odour, or electromagnetic radiation emitted,

from the prescribed premises commits an offence unless he is the holder of a Licence issued in respect of the prescribed premises and so causes increases or permits or alters in accordance with any condition to which that Licence is subject.

The Specified and General Emissions and Discharges from Primary Activities conducted on the Prescribed Premises are authorised to be conducted in accordance with the Conditions of this Licence.

Emissions and Discharges caused from other activities not related to the Primary Activities at the Premises have not been Conditioned in this Licence. Emissions and Discharges from other activities at the Premises are subject to the general provisions of the EP Act.

#### [Amendment of Licence](#)

---

Section 53 of the EP Act provides that a Licence Holder commits an offence if Emissions are caused, or altered from a Prescribed Premises unless done in accordance with a Licence.

The Licence Holder can apply to amend the Conditions of this Licence under section 59 of the EP Act. An application form for this purpose is available from the Department.

The CEO may also amend the conditions of this Licence at any time on the initiative of the CEO without an application being made.

### [Duration of Licence](#)

---

The Licence will remain in force for the duration set out on the first page of this Licence or until it is surrendered, suspended or revoked in accordance with section 59A of the EP Act.

### [Suspension or Revocation](#)

---

The CEO may suspend or revoke this Licence in accordance with s59A of the EP Act.

### [Fees](#)

---

The Licence Holder must pay an annual licence fee. Late payment of annual licence fees may result in the Licence ceasing to have effect.

# Definitions and Interpretation

## Definitions

In this Licence, the following terms have the following meanings:

**Action Criteria/Action Criterion** means the values/value within the Licence that requires the Licence Holder to take action.

**AHD** means Australian Height Datum.

**Annual Audit Compliance Report** means a report in a format approved by the CEO as presented by the Licensee or as specified by the CEO from time to time and published on the Department's website.

**Annual Period** means a 12 months period commencing from 1 January until 31 December in the same year.

**Approved Policy** has the same meaning given to that term under the EP Act.

**AS 5667.1** means the Australian Standard AS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*.

**AS 5667.10** means the Australian Standard AS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters*.

**AS 5667.11** means the Australian Standard AS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters*.

**ASTM D6747** means Standard Guide for Selection of Techniques for Electrical Leak Location of Leaks in Geomembranes.

**ASTM D7002** means Standard Practices for electrical methods for locating leaks on exposed geomembranes using the Water Puddle Method

**ASTM D7003** means Standard Practice for electrical method of locating leaks on geomembrane using the Water Lance Method.

**ASTM D7007** means Standard Practice for electrical method of locating leaks in geomembrane covered with water or Earth materials.

**ASTM D7703** means Standard Practice for Electrical Leak Location on Exposed Geomembranes Using the Water Lance Method.

**BOD<sub>5</sub>** means the amount of dissolved oxygen consumed in five days by biological processes breaking down organic matter.

**Books** has the same meaning given to that term under the EP Act.

**CEO** means Chief Executive Officer of the Department of Water and Environmental Regulation.

**CEO** for the purposes of notification means:

Director General  
Department Administering the *Environmental Protection Act 1986*  
Locked Bag 10  
JOONDALUP DC WA 6919  
[info@dwer.wa.gov.au](mailto:info@dwer.wa.gov.au)

**Compost** means the final composted material ready for dispatch from the Premises.

**Condition** means a Condition to which this Licence is subject under s 62 of the EP Act.

**Department** means the department established under section 35 of the Public Sector Management Act 1994 and designated as responsible for the administration of Part V, Division 3 of the EP Act.

**Department Request** means a request for Books or other sources of information to be produced, made by an Inspector or the CEO to the Licence Holder in writing and sent to the Licence Holder's address for notifications, as described at the front of this Licence, in relation to:

- (a) compliance with the EP Act or this Licence;
- (b) the Books or other sources of information maintained in accordance with this Licence; or
- (c) the Books or other sources of information relating to Emissions from the Premises.

**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.

**Environmental Harm** has the same meaning given to that term under the EP Act.

**EP Act** means the *Environmental Protection Act 1986 (WA)*.

**EP Regulations** means the *Environmental Protection Regulations 1987 (WA)*.

**General Description** means the description of activities and operations carried out on the Premises as set out in Schedule 2 of this Licence.

**General Emission** has the meaning set out in Condition 1 of this Licence.

**Hardstand** means the hardstand surface described in Table 2 and depicted in the Premises Layout Map in Schedule 1 of this Licence.

**HDPE** means high density polyethylene.

**Inspector** means an inspector appointed by the CEO in accordance with section 88 of the EP Act.

**Implementation Agreement or Decision** has the same meaning given to that term under the EP Act.

**In-field measurement** means a measurement taken in the field which does not require laboratory testing.

**ISO 17289** means International Standard ISO 17289 *Water Quality – Determination of dissolved oxygen – Optical sensor method*.

**Licence** refers to this document, which evidences the grant of Licence by the CEO under s 57 of the EP Act, subject to the Conditions.

**Licence Holder** refers to the occupier of the Premises being the person to whom this Licence has been granted, as specified at the front of this Licence.

**Material Environmental Harm** has the same meaning given to that term under the EP Act.

**Monthly** means every calendar month with sampling carried out at least 15 days apart.

**mV** means millivolts.

**NATA** means the National Association of Testing Authorities, Australia.

**NATA accredited** means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis.

**Pollution** has the same meaning given to that term under the EP Act.

**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.

**Primary Activities** refer to the Prescribed Premises activities on the front of this Licence, at the locations provided in Schedule 1 and the description provided in Schedule 2 of this Licence.

**Quarterly** means four inclusive periods from 1 January to 31 March, 1 April to 30 June, 1 July to 30 September, and 1 October to 31 December with sampling carried out at least 45 days apart.

**Serious Environmental Harm** has the same meaning given to that term under the EP Act.

**Specified Emission** has the meaning set out in Condition 1 of this Licence.

**Spot sample** has the same meaning given in AS5667.10:1998.

**Standing Water Level** means groundwater level measured from ground level (surveyed to Australian Height Datum (AHD)).

**Suitably qualified expert** means a geotechnical or structural engineer.

**Unreasonable Emission** 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.

**Weekly** means every seven day period beginning on Monday with sampling carried out at least 4 days apart.



## Interpretation

In this Licence:

- (a) the words 'including', 'includes' and 'include' will be read as if followed by the words 'without limitation';
- (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; and
- (d) any reference to an Australian or other standard, guideline or code of practice in this Licence means the version of the standard, guideline or code of practice in force at the time of granting of this Licence and includes any amendments to the standard, guideline or code of practice which may occur from time to time during the course of the Licence; and
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act.

# Conditions

## Emissions

1. The Licence Holder must not cause any Emissions from the Premises except for Specified Emissions and General Emissions described in Column 1 of Table 1, subject to the exclusions, limitations or requirements specified in Column 2, of Table 1.

If the Licence Holder proves that it has acted in accordance with this Condition, it may be a defence under s 74A of the EP Act to proceedings for offences under the EP Act.

**Table 1: Authorised Emissions Table**

Column 1	Column 2
Emission Type	Exclusions/Limitations/Requirements
<b>Specified Emissions</b>	
Leachate Emissions	Subject to compliance with Conditions 2, 3, 4, 5, 8, 9, 10, 17, 0-23, 28-30.
Odour Emissions	Subject to compliance with Conditions 2, 3, 4, 6, 7, 11, 12, 13, 14-16, 18-20, 28-30.
<b>General Emissions (excluding Specified Emissions)</b>	
Emissions which arise from the Primary Activities set out in the General Description in Schedule 2	<p>Emissions excluded from General Emissions are:</p> <ul style="list-style-type: none"> <li>• Unreasonable Emissions; or</li> <li>• Emissions that result in, or are likely to result in, Pollution, Material Environmental Harm or Serious Environmental Harm; or</li> <li>• Discharges of Waste in circumstances likely to cause Pollution; or</li> <li>• Emissions that result, or are likely to result in, the Discharge or abandonment of Waste in water to which the public has access; or</li> <li>• Emissions or Discharges which do not comply with an Approved Policy; or</li> <li>• Emissions or Discharges which do not comply with prescribed standard; or</li> <li>• Emissions or Discharges which do not comply with the Conditions in an Implementation Agreement or Decision; or</li> <li>• Emissions or Discharges the subject of offences under regulations prescribed under the EP Act, including materials discharged under the <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>.</li> </ul>

## Compost production limit

2. The Licence Holder must not produce greater than 37,000 tonnes of Compost per Annual Period.

## Waste acceptance controls

3. The Licence Holder must only accept the following waste at the Premises:
  - (a) chicken manure.

## Specified infrastructure and equipment controls

4. The Licence Holder must ensure that the infrastructure and equipment specified in Column 1 of Table 2, meets the corresponding operational requirements specified in Column 2 of Table 2.

**Table 2: Infrastructure and equipment controls table**

	Column 1	Column 2
	Premises infrastructure and equipment	Operational requirements
<b>Leachate Controls</b>		
1	Hardstand area to encompass all composting activities and drainage channel to Pond 1	To direct leachate and rainfall runoff from the Hardstand area to Pond 1.  Following the repairs required by Condition 5, achieves a hydrological conductivity of less than $1 \times 10^{-9}$ m/s, including bunding and sealing between hardstand and bunds.  Bunded and graded with a fall that prevents pooling.  Following the repairs required by Condition 5, capable of accommodating the weight and movement of vehicles and equipment used on the Hardstand, without compromising the integrity of the Hardstand or altering the drainage.
2	Pond 1	1mm HDPE lined, 450m <sup>3</sup> capacity
3	Pond 2	1mm HDPE lined, 450m <sup>3</sup> capacity
4	Pond 3	1mm HDPE lined, 1000m <sup>3</sup> capacity
5	Monitoring bores	One bore at each of the locations MB1S, MB2, MB3, MB4 and MB5S as specified in the Premises Layout Map in Schedule 1 (total of 5 bores).
<b>Odour Controls</b>		
6	Pond aerator (following the installation required by Condition 6)	Achieves aeration across the entire pond surface area to maintain an aerobic layer across the whole surface area of the pond.  Operated continuously when the pond is sufficiently filled to allow for operation.  Designed to prevent the generation of mist.
7	Concrete storage bunkers	Three-sided bunkers on the Hardstand area
8	Screen and trap	Maximum screen opening size of 5mm by 5mm.

	Column 1	Column 2
	Premises infrastructure and equipment	Operational requirements
	(following the installation required by Condition 6)	To screen solid material from runoff entering Pond 1.
9	Bale dunking apparatus (following the installation required by Condition 7)	Used to wet straw bales with leachate from Ponds 1, 2 or 3.  Includes a drip tray which holds dunked straw bales and directs the runoff from the dunked bales back into the dunking bath.  Overflow from the bale dunking bath is contained to prevent it from spilling onto the Hardstand and is directed back to Pond 1 via pipeline.
10	Bale line covers (following the installation required by Condition 7)	Full or partial covers installed to prevent the dispersion of leachate spray or chicken manure dust from the following areas of the bale line: <ul style="list-style-type: none"> <li>• between the bale breaker and chicken manure hopper;</li> <li>• the chicken manure hopper; and</li> <li>• the output conveyor.</li> </ul>

5. The Licence Holder must provide written confirmation to the CEO that the Infrastructure or Equipment specified in Row 1 of Table 2 has been repaired no later than 15 February 2019. The written confirmation is to include a report by a suitably qualified expert which verifies that the description in Row 1 of Column 2 of Table 2 has been met over the entirety of the Hardstand area.
6. The Licence Holder must provide written confirmation to the CEO that the Infrastructure or Equipment specified in Rows 6 and 8 of Table 2 has been installed and is operational by no later than 15 October 2018.
7. The Licence Holder must provide written confirmation to the CEO that the Infrastructure or Equipment specified in Rows 9 and 10 of Table 2 has been installed and is operational by no later than 15 February 2019.

## Operational controls

8. The Licence Holder must immediately clean any spills of leachate outside of the Hardstand area.
9. The Licence Holder must undertake the following on the Hardstand area:
  - (a) storage of chicken manure, gypsum and urea/other nitrogen based fertilisers;
  - (b) wetting of straw bales and storage of wetted bales;
  - (c) bale breaking and feedstock mixing;
  - (d) composting; and
  - (e) Compost storage.
10. The Licence Holder must maintain a freeboard of at least 300mm within Pond 3 at all times.
11. The Licence Holder must only store chicken manure in a concrete storage bunker and ensure that the height of the chicken manure stockpile does not exceed the height of the bunker walls.

12. The Licence Holder must ensure leachate does not pool on the Hardstand.
13. The Licence Holder must by 15 February 2019:
  - (a) cease spray wetting of straw bales (with the exception of wetting within the bale line);
  - (b) only wet straw bales with leachate from Ponds 1, 2 or 3 within the bale dunking apparatus and the bale line.
14. The Licence Holder must, prior to ceasing the spray wetting of straw bales, use large droplet sprinklers for the application of leachate from Ponds 1, 2 or 3 to straw bales.
15. The Licence Holder must, immediately following dunking and prior to placement of the bales on the Hardstand;
  - (a) hold dunked straw bales above the dunking bath for no less than two minutes; or
  - (b) place dunked straw bales on the dunking bath drip tray for no less than two minutes.
16. The Licence Holder must maintain an aerobic state within all mixed feedstocks and the composting windrows by turning the material a minimum of every three days.

## Groundwater monitoring

17. The Licence Holder must undertake groundwater monitoring:
  - (a) for the parameters specified in Column 1 of Table 3;
  - (b) at the locations specified in Column 2 of Table 3;
  - (c) at the frequency specified in Column 3 of Table 3; and
  - (d) using the methods specified in Column 4 and Column 5 of Table 3.

**Table 3: Groundwater monitoring**

Column 1	Column 2	Column 3	Column 4	Column 5
Parameter	Location as shown on Premises Layout Map	Frequency	Sample	Method
Standing water level <sup>1</sup>	MB1S MB2 MB3 MB4 MB5S	Quarterly (January, April, July, October)	In-field measurement	AS 5667.1 AS 5667.11
pH <sup>1</sup>				
Total dissolved solids (TDS)			Spot Sample	
Mercury				
Zinc				

<sup>1</sup> Condition 17 does not apply to in-field parameters

Column 1	Column 2	Column 3	Column 4	Column 5
Parameter	Location as shown on Premises Layout Map	Frequency	Sample	Method
Arsenic				
Nitrate-nitrogen				
Nitrite-nitrogen				
Ammonium-nitrogen				
Total nitrogen				
Total phosphorus				
Cadmium		Once off monitoring event to be completed by 15 November 2018		
Chromium				
Copper				
Iron				
Manganese				
Nickel				
Lead				

## Pond monitoring and actions

**18.** The Licence Holder must undertake pond monitoring:  
for the parameters specified in Column 1 of

(a) Table 4;  
at the locations specified in Column 2 of

(b) Table 4;  
at the frequency specified in Column 4 of



(c) Table 4; and  
using the methods specified in Column 5 and Column 6 of

(d) Table 4.

**Table 4: Pond monitoring**

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Parameter	Location as shown on Premises Layout Map	Pond Action Criteria	Frequency	Sample	Method
Oxidation Reduction Potential <sup>2</sup>	Pond 1 Pond 2 Pond 3	N/A	Weekly	In-field measurement	Readings must be taken at a minimum of four points per pond per monitoring event. The monitoring points must be dispersed within each pond. ISO 17289 AS 5667.1 AS 5667.10
Dissolved Oxygen <sup>2</sup>					
pH <sup>2</sup>					
Temperature <sup>2</sup>					
Biochemical oxygen demand (BOD <sub>5</sub> )	Pond 3	N/A	Quarterly	Spot Sample	AS 5667.1 AS 5667.10
Total nitrogen					
Total phosphorus					
Volume of sludge <sup>2</sup>		30% of pond capacity (excluding freeboard)	Annually	N/A	None specified

19. The Licence Holder must ensure that if monitoring undertaken in accordance with Condition 18 demonstrates the volume of sludge in any pond exceeds the Pond Action Criterion, that pond is desludged within two calendar months of the monitoring event.

### Specified actions

20. The Licence Holder must, by 15 October 2018:
- undertake a clean-up of Ponds 1, 2 and 3 by removing from the Premises the leachate and any sludge or floating solid matter within those Ponds at that time; and
  - at least five working days prior to the clean-up being undertaken, provide written notification to the CEO of the date on which the clean-up will occur.

<sup>2</sup> Condition 24 does not apply to in-field parameters or volume of sludge

21. The Licence Holder must test the integrity of the ponds:
- (c) for the parameter specified in Column 1 of Table 5;
  - (d) at the locations specified in Column 2 of Table 5;
  - (e) by the completion date specified in Column 3 of Table 5; and
  - (f) using the method specified in Column 4 and Column 5 of Table 5.

**Table 5: Pond liner integrity testing requirements**

Column 1	Column 2	Column 3	Column 4	Column 5
Parameter	Location as shown on Premises Layout Map	Completion date	Test	Method
Liner integrity testing	Pond 1 Pond 2 Pond 3	To be completed by 15 February 2019	Electrical testing of liner integrity	ASTM D6747, ASTM D7002, ASTM D7003, ASTM D7007, or ASTM 7703

22. The Licence Holder must, within 1 month of the completion of the liner integrity testing for each pond specified in Condition 0, submit to the CEO a report which includes the following information:
- (a) the results of the liner integrity testing for that pond;
  - (b) estimations of the total volume of seepage from that pond per year based on the designed hydraulic conductivity of the pond liner and the hydraulic head pressure;
  - (c) estimations of the total mass of nitrogen and phosphorus emitted from that pond per year via seepage, based on the estimated annual seepage volume of the pond liner and the nitrogen and phosphorus concentrations measured within the pond as per Condition 18;
  - (d) a copy of the calculations/methods undertaken to produce the estimations required by parts (b) and (c) of this condition; and
  - (e) an upgrade plan for that pond to ensure all damage is repaired, where the results of the testing indicate that the liner of that pond is damaged.
23. The Licence Holder must provide to the CEO a depth to groundwater report by 15 November 2018 showing the estimated separation distance between the base of the ponds and the maximum groundwater level, based on standing water level monitoring results during the previous five annual periods. The report must include:
- (a) the base of Ponds 1, 2 and 3 in AHD;
  - (b) a map showing the maximum groundwater level contours in AHD across the Premises; and
  - (c) a map showing the minimum groundwater depth in meters below ground level across the Premises.

## Record-keeping

- 24.** The Licence Holder must ensure that all laboratory samples taken in accordance with Conditions 17 and 18 are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
- 25.** 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 type and volume for each load of Compost, waste and non-waste feedstocks incoming and outgoing from the Premises;
  - (c) the maintenance of infrastructure required to ensure that it is kept in good working order in accordance with Condition 4 of this Licence;
  - (d) the date of turning and identification of which windrows were turned for all turns required by Condition 16;
  - (e) monitoring undertaken in accordance with Conditions 17 and 18 of this Licence;
  - (f) actions taken in accordance with Condition 19 of this Licence; and
  - (g) complaints received under Condition 26 of this Licence;
- and the Books must:
- (g) be legible;
  - (h) if amended, be amended in such a way that the original and subsequent amendments remain legible and are capable of retrieval;
  - (i) be retained for at least 7 years from the date the Books were made; and
  - (j) be available to be produced to an Inspector or the CEO on demand.
- 26.** The Licence Holder must record the number and details of any complaints received by the Licence Holder relating to its obligations under this Licence and its compliance with Part V of the EP Act at the Premises (excluding any summary of complaints provided to the Licence Holder from the Department), and any action taken by the Licence Holder in response to the complaint. Details of complaints must include:
- (a) an accurate record of the concerns or issues raised, for example a copy of any written complaint or a written note of any verbal complaints made;
  - (b) the name and contact details of the complainant, if provided by the complainant;
  - (c) the date of the complaint; and
  - (d) the details and dates of the actions taken by the Licence Holder in response to the complaints.
- 27.** The Licence Holder must comply with a Department Request, within 14 days from the date of the Department Request or such other period as agreed to by the Inspector or the CEO.

## Ongoing reporting

- 28.** The Licence Holder must submit to the CEO by 28 April, 28 July and 28 October each year a Quarterly Report including the following information for the previous Quarterly period:

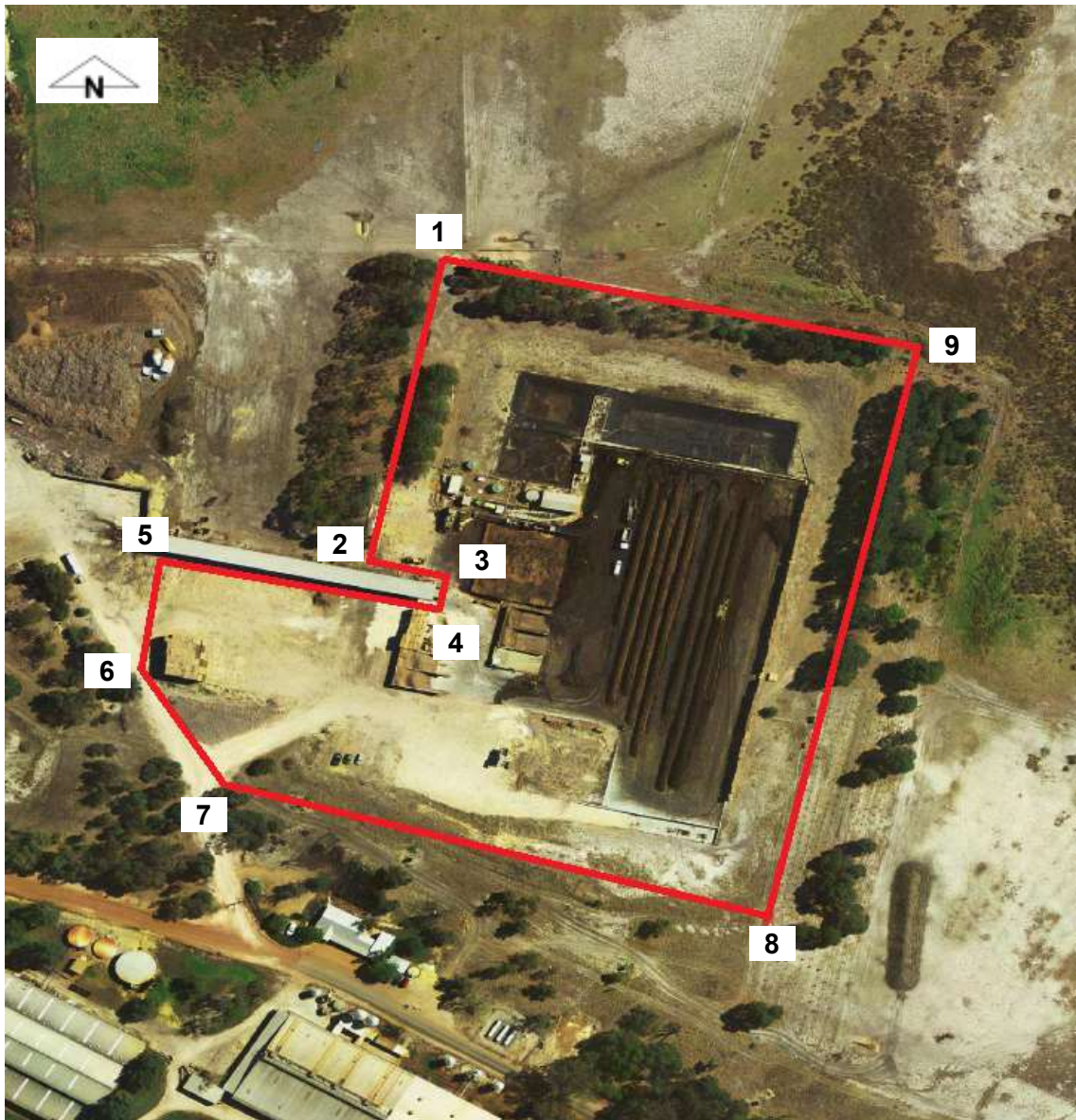
  - (a) the results of the groundwater monitoring required by Condition 17 containing the information and in the format specified in Schedule 3.
- 29.** The Licence Holder must submit to the CEO by 1 March each year an Annual Report including the following information for the previous Annual Period:

  - (a) the results of the groundwater monitoring required by Condition 17 containing the information and in the format specified in Schedule 3;
  - (b) the results of the pond monitoring required by Condition 18 containing the information and in the format specified in Schedule 3;
  - (a) the pond monitoring results which triggered an action in accordance with Condition 19 containing the information and in the format specified in Schedule 3; and
  - (b) a summary of the inputs and outputs data recorded in accordance with Condition 25.
- 30.** The Licence Holder must submit to the CEO by 1 March each year, an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the Conditions in this Licence for previous the Annual Period.

## Schedule 1: Maps

### Premises Map

The Premises is shown in the map below. The red line depicts the boundary of the Premises.





## Premises Layout Map

The existing Premises Infrastructure and bore locations are shown in the map below. The red line depicts the boundary of the Premises. The yellow line depicts the boundary of the Hardstand.





## Schedule 2: General Description

At the time of assessment, Emissions and Discharges from the following Primary Activities were considered in the determination of the risk and related Conditions for the Premises. The Primary Activities are listed in Table 6.

**Table 6: Primary Activities**

Primary Activity	Premises Production or Design Capacity
Category 67A – Compost manufacturing and soil blending: Premises on which organic material (excluding silage) or waste is stored pending processing, mixing, drying or composting to produce commercial quantities of compost or blended soils	37,000 tonnes per annual period

### Infrastructure and equipment

The Infrastructure and equipment situated on the Premises is listed in Table 2 of Condition 4.

### Site layout

The infrastructure and equipment are set out on the Premises in accordance with the site layout specified on the Premises Layout Map in Schedule 1.

## Schedule 3: Reporting

**Table 7: Summary of reporting requirements**

Requirement	Report due date	Condition outlining requirements
<b>Once off</b>		
Installation of pond aerator, screen and trap	15 October 2018	6
Depth to groundwater report	15 November 2018	23
Repairs to Hardstand	15 February 2019	5
Installation of bale dunking apparatus and bale line covers.		7
Electrical testing of liner integrity – results, total seepage estimation and upgrade plan	Within 1 month after the completion of testing for each pond (testing to be completed by 15 February 2019)	22
<b>Ongoing</b>		
Groundwater monitoring	28 April, 28 July and 28 October each year	28
Groundwater monitoring	1 March each year	29
Pond monitoring		
Waste and non-waste feedstock and Compost volumes		
Annual Audit Compliance Report		30

## Quarterly reporting requirements

### Groundwater monitoring

The quarterly reporting of groundwater monitoring must contain the following information:

- A summary of any results above the following background levels for the latest monitoring event:
  - Total nitrogen: 8.11mg/L
  - Total phosphorus: 2.17mg/L
  - Total dissolved solids: 764mg/L
- The raw monitoring data in tabulated form in Excel format.

## Annual reporting requirements

### Groundwater monitoring

The annual reporting of groundwater monitoring must contain the following information:

- The raw monitoring data in tabulated form in Excel format for all previous monitoring data;
  - All parameters shall be reported as per Table 8 below for each bore and shall include all previous groundwater monitoring results;
  - Standing water level shall also be reported as per Table 9 below for each bore;
- Time series graphical plots for all previous monitoring data ;
- A comparison of data against the following background levels and the ANZECC guidelines livestock drinking water quality values (use the recommended water quality trigger levels where available, otherwise use the lowest values which may be hazardous for, or cause an impact for, any livestock)::
  - Total nitrogen: 8.11mg/L
  - Total phosphorus: 2.17mg/L
  - Total dissolved solids: 764mg/L
- The laboratory certificate of analyses; and
- Details of the quality assurance and quality control conducted during the sampling as per AS 5667.1.

**Table 8: Template table for reporting groundwater results**

Date	SWL	pH	TDS	Mercury	Zinc	Arsenic	Nitrate-N	Nitrite-N	Ammonium-N	Total N	Total P
-	mBGL	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

**Table 9: Template table for reporting standing water level**

Bore Reference number	Easting	Northing	Top of casing mAHD	Height of casing above ground level	Standing water level AHD	Standing water level below ground level

## Pond monitoring

The annual reporting of pond monitoring must contain the following information:

- The raw monitoring data in tabulated form in Excel format for the previous Annual Period;
- Time series graphical plots for at least the previous three Annual Periods (where available);
- The location and depth of sampling;
- The laboratory certificate of analyses;
- Details of the quality assurance and quality control conducted during the sampling as per AS 5667.1;
- Confirmation that data received are correct (no instrument fault);
- A summary of any monitoring results which triggered an action in accordance with condition 19 for the previous Annual Period; and
- Details of any sludge removal undertaken due to an exceedance of the Pond Action Criteria for sludge levels, including the following:
  - Method of sludge volume measurement
  - Date of sludge removal
  - Total volume of sludge removed
  - Description of sludge removal actions and timeframes
  - Odour controls implemented during sludge removal
  - Fate of sludge.