



Licence number	L7391/1999/9
Licence holder	A. Richards Pty Ltd
ACN	008 734 852
Registered business address	203 Acourt Road JANDAKOT WA 6164
DWER file number	DEC3864/1~1
Duration	06/01/2014 to 05/10/2033
Date of amendment	20/03/2025
Premises details	Richgro, Nowergup Site 206 Wesco Road NOWERGUP WA 6032 Part Lot 12738 on Plan 193226 As defined by the coordinates in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / 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.	100,000 tonnes per annual period
Category 61A – Solid waste facility: premises (other than premises within category 67A) on which solid waste produced on other premises is stored, reprocessed, treated, or discharged onto land.	60,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 20 March 2025, by:

Abbie Crawford
Manager, Waste Industries
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Licence history

Date	Reference number	Summary of changes
19/12/2013	L7391/1999/9	Licence renewal
24/07/2014	L7391/1999/9	Amendment to extend timeframes for improvement condition completion
22/10/2015	L7391/1999/9	Amendment to change authorised feedstocks
29/04/2016	L7391/1999/9	Amendment to extend Licence duration
17/11/2016	L7391/1999/9	Amendment Notice 1: Changes to authorised feedstocks and prescribed premises boundary
9/02/2018	L7391/1999/9	Amendment Notice 2: Changes to authorised feedstocks and monitoring requirements
04/06/2019	L7391/1999/9	Amendment Notice 3: Withdrawn
25/08/2020	L7391/1999/9	Amendment to: Remove category 61 and all associated conditions Add category 61A Allow the Harvest Quest method of composting
08/11/2021	L7391/1999/9	Amendment to increase the duration of which feedstocks have to be removed from the premises
10/10/2023	L7391/1999/9	Amendment to include untreated timber and finished compost products as feedstocks and remove completed specified actions
20/03/2025	L7391/1999/9	CEO initiated amended to leachate management requirements.

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
Green waste grinders	<ul style="list-style-type: none"> • One slow speed diesel grinder (up to 120m³/hour); and • Track mounted grinder (up to 120m³/hour) green waste stockpiles (water sprays added). 	Areas labelled 'green waste shredding' on Figure 1 in Schedule 1.
Screeners	<ul style="list-style-type: none"> • One screener (up to 120m³/hour) for dry to damp compost stockpiles and products (water sprays added); • One screener (up to 120m³/hour) for sands and dry stockpiles (water sprays added); • One screener (up to 120m³/hour) for dry to damp compost stockpiles (water sprays added); and • One screener (up to 50m³/hour) for dry to damp compost stockpiles and products (water sprays added). 	Areas labelled 'green waste shredding' on Figure 1 in Schedule 1.
V-drain between processing areas	<ul style="list-style-type: none"> • Maintained free of accumulated sludge; • Inspected weekly and cleaned out as required (minimum of once a month); and • No pooling of leachate in the drain may occur. 	n/a
Leachate pond	<ul style="list-style-type: none"> • Is maintained with a liner that achieves a permeability of less than 1 x 10⁻⁹ m/s or equivalent; • Is maintained with a freeboard of at least 500 mm at all times; • Is aerated during day light hours by a solar powered pond aeration system, where there is sufficient daylight to power the system; • Have installed and maintain in good working order a pond water level monitor that provides continuous data on pond water level; • Must be managed to prevent damage to and ensure the integrity of the liner; 	Area labelled 'Leachate pond' on Figure 1 in Schedule 1.

Site infrastructure and equipment	Operational requirement	Infrastructure location
	<ul style="list-style-type: none"> Pond liner integrity must be inspected monthly and Must be inspected following any mechanical desludging and any identified damage repaired. 	
Hardstand area	<ul style="list-style-type: none"> Must be comprised of compacted limestone; Must be graded to drain to the leachate pond; No pooling of leachate or stormwater to occur on the hardstand; Must support the load of material and machinery to be used on the pad without its integrity being compromised; and Must be maintained free of defects. 	Area labelled 'Composting area' on Figure 1 in Schedule 1.

Feedstock controls

2. The licence holder must only accept feedstock materials at the premises if:
- It is a type specified in Table 2; and
 - It meets any specification of quantity limit specified in Table 2.

Table 2: Feedstock table

Material	Specification or quantity limit
Clean fill	40,000 tonnes per annual period
Coarse and shredded green waste (includes jarrah bark and pine bark)	Combined limit of 60,000 tonnes per annual period
Sawdust	
Untreated wooden timber products	
Compost products	15,000 tonnes per annual period.

3. The licence holder shall ensure that where waste does not meet the waste acceptance criteria set out in condition 2 it is removed from the premises by the delivery vehicle or, where that is not possible, stored in a segregated storage area or container and removed to an appropriately authorised facility as soon as practicable.
4. The licence holder must record the total amount of waste accepted onto and removed from the premises, for each waste type listed in Table 3, in the corresponding unit, and for each corresponding time period, as set out in Table 3.

Table 3: Monitoring and recording of inputs and outputs

Input/Output	Parameter	Unit	Averaging period	Time period
Waste Inputs	Waste type as detailed in Table 2	Tonnes	One year	Each load arriving at the premises
Waste Outputs	Waste type as depicted in the Landfill Waste Classification and Waste Definitions 1996 (as amended December 2019)	Tonnes	One year	Each non-conforming waste load rejected from the premises
Other outputs	Composts and Blended soils	Tonnes	One year	Each load produced at the premises
Other outputs	Composts and Blended soils	Tonnes	One year	Product leaving the premises

Operational controls

5. The licence holder must only store and process the materials specified in Table 4 in accordance with the requirements specified in Table 4.

Table 4: Storage and processing requirements

Feedstock type	Process(es)	Process limits and/or specifications
Green waste	<p>Acceptance and storage.</p> <p>Grinding or shredding.</p> <p>Composting (including pasteurisation).</p> <p>Pasteurisation (to produce pasteurised mulch).</p> <p>Blending into organic feedstocks during or after composting.</p> <p>Production of recycled organic products, which are to be removed from the premises.</p>	<ul style="list-style-type: none"> • Stored and pre-treated on a hardstand in the 'Green waste shredding and soil/mulch blending' area specified in the Premises Map in Schedule 1; • Must not be stored for longer than one month before being incorporated into the composting process; and • Composted, matured and/or pasteurised in the 'Composting Area' as specified in the Premises Map in Schedule 1.

Feedstock type	Process(es)	Process limits and/or specifications
Sawdust	Acceptance and storage. Grinding or shredding. Composting (including pasteurisation). Pasteurisation (to produce pasteurised mulch). Blending into organic feedstocks during or after composting. Production of recycled organic products, which are to be removed from the premises.	<ul style="list-style-type: none"> • Stored and blended on a hardstand in the 'Green waste shredding and soil/mulch blending' area and 'Product Storage' area specified in the Premises Map in Schedule 1; and • Must not be stored for longer than one month before being incorporated into the composting process.
Clean fill	Acceptance and storage. Blending into organic feedstocks during or after composting. Production of recycled organic products, which are to be removed from the premises.	No specifications
Untreated wooden timber products	Acceptance and storage. Grinding or shredding. Composting (including pasteurisation). Pasteurisation (to produce pasteurised mulch). Blending into organic feedstocks during or after composting. Production of recycled organic products, which are to be removed from the premises.	<ul style="list-style-type: none"> • Stored on a hardstand in the 'Green waste shredding and soil/mulch blending' area specified in the Premises Map in Schedule 1; and • Must not be stored for longer than one month.
Compost products	Acceptance and storage. Blending with feedstocks. Production of recycled organic products, which are to be removed from the premises.	<ul style="list-style-type: none"> • Stored and processed on a hardstand in the 'Composting area' specified in the Premises Map in Schedule 1; • No more than 1,000 m³ to be stored on site at any one time; • Compost products may only be stored and blended on the premises; and • Must not be stored for longer than one month.

6. The licence holder shall implement control measures to prevent infestations of pests, flies and vermin at the premises.

7. The licence holder must manage the compost windrows such that:
 - (a) Windrows are turned as required to ensure composting process is sustained;
 - (b) Moisture levels in the composting piles shall be maintained between 40 to 60 per cent;
 - (c) An input nutrient balance (carbon: nitrogen ratio) of 25:1 to 35:1 is to be achieved when forming windrows;
 - (d) The core temperature of the composting windrows is maintained between 55 °C and 65 °C for a period of at least two consecutive weeks, with at least two measurements being taken per week, at least three days apart;
 - (e) Windrows shall not exceed 5 metres high, 10 metres wide and 50 metres long; and
 - (f) Windrows shall be separated by at least 2 metres of clear ground.

8. The licence holder must ensure that all leachate is directed toward and collected within the leachate pond.

9. The licence holder must ensure that recycled organic products and feedstocks are separated so that cross-contamination between these materials, including from leachate or stormwater is prevented.

10. The licence holder must ensure that stormwater and leachate stored in the infrastructure listed in Table 5 is only reused in accordance with the corresponding requirements as set out in Table 5.

Table 5: Leachate reuse requirements

Infrastructure	Requirements
Leachate pond	(a) Must only be applied to stockpiles of feedstocks stored on hardstand area before pasteurisation has commenced. (b) Must not be applied to recycled organic products.

Fire prevention and management

11. The licence holder must maintain and implement a Fire and Emergency Management Plan for the premises that sets out:
 - (a) an assessment of fire safety risk including identification of areas where a fire might occur and conditions that might cause a fire;
 - (b) how fires will be prevented, detected, responded to, suppressed, contained and controlled addressing all feedstock types and stages of processing, including the sizes and separation distances of windrows and stockpiles;
 - (c) the firefighting equipment and fire response capabilities and responsibilities;
 - (d) a plan showing the location and layout of firefighting equipment and systems at the premises, including the layout of drainage and containment infrastructure that will assist during fire management.

- 12.** The licence holder must:
- (a) not burn or allow the burning of any waste on the premises;
 - (b) ensure that machinery on the premises is capable of breaking apart, separating and dividing stockpiles/windrows to stop the spread of fire;
 - (c) maintain a designated area of clear ground or hardstand on the premises where stockpiles/windrows may be relocated and broken apart during a fire; and
 - (d) ensure that an adequate water supply is available at the premises and can be effectively delivered to extinguish a fire at any part of the premises.
- 13.** In the event of a fire on the premises the licence holder must:
- (a) take immediate action to extinguish the fire; and
 - (b) contain recoverable firefighting wash water and other waste that may result from firefighting on the premises.

Monitoring

- 14.** The licence holder must monitor groundwater for concentrations of the identified parameter(s) in accordance with Table 6.

Table 6: Groundwater monitoring of ambient concentrations

Monitoring well location	Parameter	Groundwater Action criteria	Frequency	Sample	Method
MB1, MB2 MB3, MB4 and MB5	Standing water level ¹	N/A	Quarterly	In-field measurement	In accordance with AS/NZS 5667.1 and AS/NZS 5667.11
	Temperature ¹				
	Electrical conductivity ¹				
	pH ¹				
	Redox potential ¹				
	Dissolved Oxygen ¹				
	Biological oxygen demand (BOD)	5.0 mg/L		Spot sample	
	Total dissolved solids (TDS)				
	Total nitrogen	N/A			
	Ammonia Nitrogen				
	Nitrate + Nitrite (as Nitrogen)				
	Total phosphorus	1.0 mg/L			
	Total organic carbon	N/A			
	Bicarbonate +				

Monitoring well location	Parameter	Groundwater Action criteria	Frequency	Sample	Method
	Carbonate				
	Calcium				
	Chloride				
	Magnesium				
	Potassium				
	Sodium				
	Sulfate				
	Arsenic				
	Iron				

Note 1: In-field non-NATA accredited analysis permitted.

- 15.** In the event that the groundwater action criteria as specified in Table 6 is exceeded, the licence holder must upon receipt of the exceedance, investigate the likely cause of the exceedance and within 28 days of receipt of the exceedance, provide the CEO in writing with the following information:
- (a) Date of the exceedance;
 - (b) Bore location where the exceedance(s) was identified;
 - (c) Laboratory analysis data; and
 - (d) Results of investigations undertaken to determine the reason for the exceedance and any action taken to resolve the exceedance.

Records and reporting

- 16.** The licence holder shall ensure that:
- (a) any person left in charge of the premises is aware of the conditions of the licence and has access at all times to the licence or copies thereof; and
 - (b) any person who performs tasks on the premises is informed of all of the conditions of the licence that relate to the tasks which that person is performing.
- 17.** 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 an Annual Audit Compliance Report in the approved form by 1 April each year.
- 18.** 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.

19. The licence holder must submit to the CEO by no later than 1 April each year, an Annual Environmental Report for that annual period for the conditions listed in Table 7, and which provides information in accordance with the corresponding requirement set out in Table 7.

Table 7: Annual Environmental Report

Condition	Requirement
n/a	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken
Condition 14, Table 6	Groundwater monitoring data including: <ul style="list-style-type: none"> (a) An interpretive summary and assessment of ambient groundwater quality monitoring results against relevant assessment levels for water as published in the Contaminated Sites Guidelines; (b) An interpretive summary and assessment of ambient groundwater quality monitoring results against previous; and (c) A report to the CEO for exceedances of Groundwater Action Criteria (as specified in Table 6)
18	Complaints summary

20. The licence holder shall ensure that the Annual Environmental Report also contains:

- (a) any relevant process, production or operational data recorded under Condition 4;
- (b) an assessment of the information contained within the report against previous monitoring results and licence limits and/or targets; and
- (c) a list of any original monitoring reports submitted to the licence holder from third parties for the annual period and make these reports available on request.

21. The licence holder shall ensure that the parameters listed in Table 8 are notified to the CEO in accordance with the notification requirements of the table.

Table 8: Notification Requirements

Condition or table (if relevant)	Parameter	Notification Requirement	Format or form
N/A	Fire at the premises	As soon as practicable	None specified

All	Breach of a limit specified in the licence	Part A: As soon as practicable, but no later than 5pm on the next usual working day	N1 (attached as Schedule 2)
	Any failure or malfunction of any pollution	Part B: As soon as practicable	

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the EP Act

- 22.** 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 conditions 4 and 14 of this licence; and
 - (d) complaints received under condition 18 of this licence.
- 23.** The books specified under condition 22 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 8 have the meanings defined.

Table 9: Definitions

Term	Definition
ACN	Australian Company Number
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).
annual period	a 12 month period commencing from 1 January until 31 December of the immediately following year.
AS 5667.1	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 5667.11	Australian Standard AS 5667.11 Water Quality – Sampling – Guidance on sampling of groundwater
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: info@dwer.wa.gov.au
Clean fill	has the meaning defined in the Landfill Definitions
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994 (WA)</i> 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 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
feedstock	means the organic material used in the composting process and as listed in Table 3.

Term	Definition
Green waste	Lawn clippings, leaves, plants, branches, tree trunks and stumps but excluding timber.
Landfill definitions	Means the document titled Landfill Waste Classification and Waste Definitions 1996 (as amended 2019) as published by the CEO of the Department of Water and Environmental Regulation.
leachate	means liquid released by water that has percolated through waste which contains some of its constituents.
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.
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 (Figure 1) 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.

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

Premises boundary

The corners of the premises boundary are the coordinates listed in Table 8.

Table 10: Premises boundary coordinates

Position No.	Latitude	Longitude
A	31° 38' 16.60" S	115° 45' 44.68" E
B	31° 38' 17.75" S	115° 45' 47.94" E
C	31° 38' 19.36" S	115° 45' 51.30" E
D	31° 38' 20.87" S	115° 45' 53.11" E
E	31° 38' 27.70" S	115° 45' 58.75" E
F	31° 38' 33.70" S	115° 45' 55.02" E
G	31° 38' 34.34" S	115° 45' 47.19" E
H	31° 38' 30.45" S	115° 45' 49.46" E
I	31° 38' 24.78" S	115° 45' 44.74" E

Schedule 2: N1 Form

Licence:

Licence holder:

Form: N1

Date of breach:

Notification of detection of the breach of a limit.

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Part A

Licence number	
Name of operator	
Location of premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of licence holder	
Date	