



Licence number	L7827/2001/6
Licence holder	Abbotts Liquid Salvage Pty Ltd
ACN	125 634 004
Registered business address	8 Princess Royal Drive ALBANY WA 6330
DWER file number	DWERVT7258
Duration	20/01/2021 to 19/01/2026
Date of issue	14/01/2021
Date of Amendment	03/09/2021
Premises details	Abbotts Liquid Salvage 35494 Albany Highway DROME WA 6330 Legal description - Being Part of Lot 4638 on Plan 157018 As shown in Schedule 1 and defined by the coordinates in Schedule 2 of this Licence

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production / design capacity
Category 61: Liquid waste facility: premises on which liquid waste produced on other premises (other than sewerage waste) is stored, reprocessed, treated or irrigated.	20,000 tonnes per year
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.	7,500 tonnes per year

This Licence is granted to the Licence Holder, subject to the attached conditions, on 3 September 2021 by:

STEPHEN 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
18/03/2002	W3546/2001/1	Works Approval
20/01/2003	L7827/2001/1	Licence
12/01/2004	L7827/2001/2	Licence renewal
12/01/2005	L7827/2001/3	Licence renewal
07/08/2008	W4390/2007/1	Works Approval
14/01/2010	L7827/2001/4	Licence renewal
19/11/2012	L7827/2001/5	Licence amendment
10/01/2013	L7827/2001/5	Licence renewal
16/12/2015	L7827/2001/5	Licence amendment to extend duration of the expiry date
26/04/2016	L7827/2001/5	Licence amendment to extend duration of the expiry date
11/02/2016	W5905/2015/1	Works Approval to allow construction of composting facility
14/07/2016	L7827/2001/5	Licence amendment to add Category 67A to allow operation of the composting facility
24/11/2016	L7827/2001/5	Amendment Notice 1: DER initiated Amendment Notice to: <ul style="list-style-type: none"> Amend relevant definitions within Condition 1.1.2; Amend Condition 1.2.3 with regards to controls of waste storage, process limitations and administrative errors. Amend Condition 1.2.4 with regards to freeboard levels and administrative errors. Add Condition 1.2.10 with regards to minimum machinery requirements to assist in the control of fugitive emission while compost manufacturing and soil blending activities are being undertaken. Amend condition 3.2.1 with regards to the frequency of monitoring requirements.
06/02/2019	L7827/2001/5	Amendment Notice 2: Licensee initiated amendment to amend Condition 1.2.3 to allow the sale of compost which does not meet physical and chemical requirements set out by AS4454 and meets P1C1 (within the document Western Australian Guidelines for Biosolids Management).
15/01/2020	L7827/2001/5	Amendment to extend Licence duration from 19 January 2020 to 19 January 2021 to allow time for a full DWER review of existing Licence. DWER has also consolidated/amalgamated separately issued amendment notices in the Licence
14/01/2021	L7827/2001/6	Licence renewal

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		New licence period 20 January 2021 to 19 January 2026.
03/09/2021	L7827/2001/6	Licence amendment to allow for once off use of composting leachate pond for additional storage of treated effluent to prevent overtopping.

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:

1. The Licence Holder shall only accept waste on to the Premises if:
 - (a) it is of a type listed in Table 1;
 - (b) the quantity accepted is below any quantity limit listed in Table 1;
 - (c) it meets any specification listed in Table 1.

Table 1: Waste acceptance

Liquid Waste type	Waste Code	Quantity Limit	Specification ¹
Animal Effluent and Residues	K100	Combined total of no more than 20,000 tonnes per annual period	None specified
Liquid waste - septage waste	K210		
Liquid waste – grease trap waste	K110		
Food and beverage processing wastes	K200		
Sewage and reticulated sewerage system	K130		
Tannery wastes not containing chromium	K140		
Wool scouring wastes	K190		
Non-toxic salts	D300		
Liquid waste – industrial wash water	L150		
Car and truck wash water	L100		
Fire debris and washwater	N140		
Pond water	-		
Stormwater	-		
Non-Liquid Waste			
Greenwaste		6,000 tonnes per annual period	

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

2. The Licence Holder shall ensure that where waste does not meet the waste acceptance criteria set out in condition 1 it 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.
3. The Licence Holder shall ensure that wastes accepted onto the Premises are only subjected to the processes set out in Table 1 and in accordance with any process limits described in Table 2.

Table 2: Waste processing

Waste type	Process	Process limits
Liquid waste – all types specified in Table 1	Receipt, handling, storage and treatment prior to discharge to irrigation	<ul style="list-style-type: none"> • Treatment of all liquid waste shall be at or below the treatment capacity of 20,000 tonnes per annual period.
	Once off emergency transfer	<ul style="list-style-type: none"> • Transfer of treated effluent water using pumps into the composting facility leachate storage dam is permitted. • To be completed by 30 November 2021
Composting material which includes a mixture of sludge/greenwaste (feedstock)	Receipt, handling and storage prior to composting	<ul style="list-style-type: none"> • Waste shall not be stored for longer than 7 days before being added to the composting process. • Waste shall not be stored within 20 metres of the Premises boundary.
	Treatment by composting and pasteurisation	<ul style="list-style-type: none"> • Windrows shall be turned regularly to ensure aerobic conditions are maintained. • The core temperature of the composting pile is maintained between 55 °C and 65 °C for a period of at least 15 days. • Moisture level in the composting piles shall be maintained between 40 to 65 per cent. • Windrows shall not exceed 3 metres high, and 3 metres wide. • Windrows shall be separated by at least 5 metres of clear ground. • Composting leachate is collected and returned to the composting process. • Shall produce no more than 7,500 tonnes per annual period of compost. • Liquid wastes (other than composting leachate) are not permitted to be composted. • Only sludges generated from the liquid waste facility at the Premises may be used for composting
		<p>Limits for once off emergency transfer (transfer to be completed by 30 November 2021):</p> <ul style="list-style-type: none"> • Close the spillway from the composting hardstand area to the leachate pond when transferring treated effluent water into the leachate pond; • Composting leachate is to be contained within the spillway and returned to the composting process;

		<ul style="list-style-type: none"> Treated effluent water within the leachate pond resulting from the once off emergency transfer is permitted to be used within the composting process.
Greenwaste only	Receipt, handling, storage prior to composting	<ul style="list-style-type: none"> Temperatures within windrows are monitored on a weekly basis; Stockpiles with an internal temperature exceeding 80 degrees Celsius are turned, mixed or otherwise treated, until the temperature is reduced below 80 degrees Celsius; and A 10 metre fire break shall be maintained around greenwaste stockpiles. The shredding or grinding of green waste shall not be undertaken at the Premises.

4. The Licence Holder shall ensure that waste material is only stored and/or treated within vessels or compounds provided with the infrastructure requirements detailed in Table 3.

Table 3: Containment infrastructure

Vessel or compound	Material	Requirements
Liquid waste receival tank	Liquid waste specified in Table 1	<ul style="list-style-type: none"> Impervious concrete tank Concrete hardstand area shall direct wastewater spillages to the receival tank for anaerobic ponds.
Non-Conforming Load Tank	Oil interceptor waste	<ul style="list-style-type: none"> Impervious concrete tank. Concrete hardstand area shall direct wastewater spillages to the receival tank for anaerobic ponds
	Waste oil and water mixtures or emulsions and hydrocarbon and water mixtures or emulsions	
	Oil Sludge	
	J100 - Waste oils unfit for their intended purpose;	
Used oil filters.		
Three anaerobic storage ponds	Treated effluent	<ul style="list-style-type: none"> Synthetic liner with a permeability of less than 2×10^{-10} m/s. Freeboard of at least 300mm.
Two facultative ponds	Treated effluent	<ul style="list-style-type: none"> Synthetic liner with a permeability of less than 2×10^{-10} m/s. Freeboard of at least 300mm.
Liquid waste storage dam	Treated effluent	<ul style="list-style-type: none"> Clay lined with a permeability of less than 1×10^{-9} m/s. Freeboard of at least 300mm.

Vessel or compound	Material	Requirements
Compost Facility Hardstand Pad	Compost	<ul style="list-style-type: none"> • A minimum 2% drainage gradient to ensure the free drainage of all leachate to leachate collection infrastructure. • Bunded hardstand area. • Kerbing/bunding of at least 150mm in height • A seal between the hardstand and any bunding/kerbing that is impervious (less than 1×10^{-9} m/s). • Covered with a protective layer that will protect the liner from damage as a result of day-to-day activities or machinery movements.
Leachate collection infrastructure	Compost leachate	<ul style="list-style-type: none"> • Clay liner with a permeability of less than 1×10^{-9} m/s.
Composting Facility Leachate Storage Dam	Compost leachate	<ul style="list-style-type: none"> • Clay liner with a permeability of less than 1×10^{-9} m/s. • Bunds surrounding the spillway constructed of concrete and minimum 150mm high. • Freeboard of at least 500mm.

5. The Licence Holder shall implement the following security measures at the site:
- maintain a wire stock fence to prevent unauthorised access to the site;
 - ensure that any entrance gates to the premises are securely locked when the Premises are unattended; and
 - undertake regular inspections of all security measures and repair damage as soon as practicable.
6. The Licence Holder shall manage all wastewater treatment ponds such that:
- overtopping of the ponds does not occur except as a result of an extreme rainfall event;
 - the integrity of the containment infrastructure is maintained;
 - the discharge of liquid waste to the anaerobic pond does not disrupt the anaerobic crust;
 - the pH in the anaerobic lagoon is maintained between 6.5 and 9;
 - trapped overflows are maintained on the outlet of ponds to prevent carry-over of surface floating matter;
 - vegetation and floating debris (emergent or otherwise) is prevented from encroaching onto pond surfaces or inner pond embankments.
7. The Licence Holder shall ensure that any leachate transferred from the composting facility leachate dam is only discharged into an anaerobic pond.
8. The Licence Holder shall ensure that the irrigation of treated wastewater meets the following:

- (a) no irrigation generated run-off, spray drift or discharge occurs beyond the boundary of the irrigation area;
 - (b) wastewater is evenly distributed over the irrigation area;
 - (c) soil erosion is prevented from occurring; and
 - (d) irrigation shall not occur during periods of rainfall or onto flooded areas.
9. The Licence Holder shall ensure that no greenwaste or compost is burnt on the premises.
10. The Licence Holder must ensure that as a minimum the following equipment is available at the premises when undertaking compost manufacturing and soil blending activities:
- (a) A front end loader;
 - (b) A truck with capacity of at least 8000 litres; and
 - (c) Mobile fire pump.

Emissions and discharges

11. The Licence Holder shall ensure that where waste is emitted to land from the emission points in Table 4 [and identified on the map of emission points in Schedule 1] it is done so in accordance with the conditions of this Licence.

Table 4: Emissions to land

Emission point reference and location on Map of emission points	Description	Source including abatement
L1	Pipe feeding irrigation 4 ha of Blue gum woodland.	Treated wastewater from liquid waste storage dam

12. The Licence Holder shall not cause or allow emissions to land greater than the limits listed in Table 5.

Table 5: Emission limits to land

Emission point reference	Parameter	Limit (including units)	Averaging period
L1	Biochemical Oxygen Demand	150mg/L	Spot sample
	Total Nitrogen	50mg/L	
	Total Phosphorus	10mg/L	
	Electrical Conductivity	5dS/m	

Monitoring

General monitoring

13. The Licence Holder shall ensure that:
- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;

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- (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
 - (c) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
 - (d) all soil sampling is conducted in accordance with AS 4482.1 and AS 4482.2 as relevant; and
 - (e) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured [unless indicated otherwise in the relevant table].
- 14.** The Licence Holder shall ensure that :
- (a) daily monitoring is undertaken every day;
 - (b) monthly monitoring is undertaken at least 15 days apart;
 - (c) quarterly monitoring is undertaken at least 45 days apart;
 - (d) six monthly monitoring is undertaken at least 5 months apart; and
 - (e) annual monitoring is undertaken in December.
- 15.** The Licence Holder shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer’s specifications and the requirements of the Licence.
- 16.** The Licence Holder shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

Monitoring of emissions to land

- 17.** The Licence Holder shall undertake the monitoring in Table 6 according to the specifications in Table 6.

Table 6: Monitoring of emissions to land

Emission point (identified on emission point map in Schedule 1)	Monitoring point	Parameter	Units	Averaging period	Frequency
L1	Irrigation flow meter	Volumetric flow rate	kL	Daily	Continuous
L2	Liquid waste storage dam	pH	pH units	Spot sample	Monthly, when irrigating
		Total Nitrogen	mg/L		
		Nitrate-nitrogen			
		Total Phosphorus			
		Biochemical Oxygen Demand			
		Total Dissolved Solids			
		Oil and grease			
Electrical Conductivity	dS/m				

Emission point (identified on emission point map in Schedule 1)	Monitoring point	Parameter	Units	Averaging period	Frequency
		Aluminium	mg/L	Spot sample	Annual
		Arsenic			
		Cadmium			
		Chromium			
		Copper			
		Manganese			
		Nickel			
		Lead			
		Zinc			
L3	Stormwater run-off dam	pH	pH units	Spot sample	Quarterly
		Electrical Conductivity	dS/m		

Monitoring of inputs and outputs

18. The Licence Holder shall undertake the monitoring in Table 7 according to the specifications in that table.

Table 7: Monitoring of inputs and outputs

Input/Output	Parameter	Units	Averaging period	Frequency
Waste input	Liquid wastes: All liquid wastes as specified in Table 1	kL/day	N/A	Each load arriving at the Premises
Waste input	Greenwaste	tonnes	N/A	Each load arriving at the Premises
Waste Outputs	Compost sold commercially	tonnes	One year	Each load leaving the Premises

Process monitoring

19. The Licence Holder shall undertake the monitoring in Table 8 according to the specifications in that table.

Table 8: Process monitoring

Monitoring point reference	Process description	Parameter	Units	Frequency	Method
Compost windrows	Composting	Temperature	°C	Weekly	None specified
		Moisture	%	Weekly	None

Monitoring point reference	Process description	Parameter	Units	Frequency	Method
		content			specified
		Compost quality product testing	None specified	As per sampling procedure required in AS 4454	Sampling and testing in accordance with AS 4454

20. The Licence Holder must ensure that the testing of all compost product is undertaken in accordance with AS 4454.
21. The Licence Holder must ensure that products are classified according to the product specification and end uses) as determined by the physical and chemical quality specifications required by AS 4454 and the document *Western Australia Guidelines for Biosolids Management* (Department of Environment and Conservation, 2012) prior to sale or distribution to customers.

Ambient environmental monitoring

22. The Licence Holder shall undertake the monitoring in Tables 9 and 10 according to the specifications in those tables and record and investigate results that do not meet any limit specified.

Table 9: Monitoring of ambient groundwater quality

Monitoring point reference and location	Parameter	Units	Averaging period	Frequency
MW1, MW2, MW3, MW6	Standing water level	m(AHD)	Spot sample	Six monthly
	pH	pH units		
	Total Nitrogen	mg/L		
	Nitrate-nitrogen			
	Total Phosphorus			
	Biochemical Oxygen Demand			
	Total Dissolved Solids			
	Zinc			
	Aluminium			
	Arsenic			
	Cadmium			
	Chromium			
	Copper			
	Manganese			
	Nickel			
	Lead			
Zinc				

Monitoring point reference and location	Parameter	Units	Averaging period	Frequency
	Electrical Conductivity	dS/m		
MW4, MW5, MW7, MW8	Standing water level	m(AHD)	Spot sample	Six monthly
	pH	pH units		
	Total Nitrogen	mg/L		
	Nitrate-nitrogen			
	Nitrogen ammonium			
	Total Phosphorus			
	Biochemical Oxygen Demand			
	Total Dissolved Solids			
	Zinc			
	Aluminium			
	Arsenic			
	Cadmium			
	Chromium			
	Copper			
	Manganese			
	Nickel			
	Lead			
Zinc				
MW4, MW5, MW7, MW8	Sodium	mg/L	Spot sample	Six monthly
	Potassium			
	Calcium			
	Magnesium			
	Chloride			
	Sulphate			
	bicarbonate			
	Beryllium			
	Cobalt			
	Mercury			
	Molybdenum			
Vanadium				

Table 10: Monitoring of ambient soil quality

Monitoring point reference and location	Parameter	Units	Averaging period	Frequency
S1	Phosphorus Retention Indices	-	Spot sample	Annually
	Electrical conductivity	dS/m		

Records and reporting

- 23.** All information and records required by the Licence shall:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
 - (c) except for records listed in 23(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
 - (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
 - (i) off-site environmental effects; or
 - (ii) matters which affect the condition of the land or waters.
- 24.** 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.
- 25.** 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.
- 26.** The Licence Holder shall:
- (a) implement and maintain a system which ensures that a record is made of:
 - (i) the waste type, quantity and date of arrival of each load accepted at the Premises;
 - (ii) the waste type, quantity, date of removal and destination (recycled material/recycling site/landfill etc) of each load removed from the site; and
 - (iii) rejected loads including details of the waste producer, waste carrier, registration number of the vehicle and the date and reason for rejection.

- (b) Implement and maintain a system which ensures that a record is made of:
 - (i) The compost quality product testing results for all compost products required by Condition 19; and
 - (ii) The resulting product classification determination made, in accordance with Condition 21, for each load or batch of compost product sold or distributed from the premises.
- (c) Ensure that records required by 26 (b) are made available to the CEO or customer on request.

Reporting

27. The Licence Holder shall submit to the CEO an Annual Environmental Report by no later than 60 days after the end of that annual period. The report shall contain the information listed in Table 11 in the format or form specified in that table for the annual period.

Table 11: Annual Environmental Report

Condition or table (if relevant)	Parameter	Format or form ¹
-	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	None specified
Table 1	Summary of any waste acceptance limit exceedances and any action taken	None specified
Table 3	Summary of any freeboard limit exceedances and any action taken	None specified
Table 5	Limit exceedances and any action taken	None specified
Table 6	Monitoring of emissions to land	None specified
Table 7	Monitoring of inputs and outputs	None specified
Table 8	Process monitoring	None specified
Table 9	Monitoring of ambient groundwater quality	None specified
Table 10	Monitoring of ambient soil quality	None specified
Condition 24	Compliance	Annual Audit Compliance Report (AACR)
Condition 25	Complaints summary	None specified
Condition 26	Summary of waste types and quantities accepted and removed from the Premises in the reporting year	None specified
	Summary of rejected loads	

Note 1: Forms are available on the Departments website

28. The Licence Holder shall ensure that the Annual Environmental Report also contains an assessment of the information contained within the report against previous

monitoring results and Licence limits.

29. The Licence Holder shall submit the information in Table 12 to the CEO according to the specifications in that table.

Table 12: Non-annual reporting requirements

Condition or table (if relevant)	Parameter	Reporting period	Reporting date (after end of the reporting period)	Format or form
-	Copies of original monitoring reports submitted to the Licence Holder by third parties	Not Applicable	Within 14 days of the CEOs request	As received by the Licence Holder from third parties
Condition 3	Total volume of treated effluent water transferred into the composting facility leachate dam associated with once off emergency transfer	2021	To be included as a once off notification within next annual environmental report following the cessation of the once off emergency transfer	None specified

Notification

30. The Licence Holder shall ensure that the parameters listed in Table 13 are notified to the CEO in accordance with the notification requirements of the table.

Table 13: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
Condition 12	Limit exceedance where management action taken	As soon as practicable but no later than 5pm of the next usual working day.	None specified
-	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable	N1
Condition 16	Calibration report	As soon as practicable.	None specified
-	Fire at the premises	As soon as practicable	None specified
-	Taking a process equipment offline for	No less than 72 hours in advance of works	None specified

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
	maintenance works that may result in increased odour emissions		
-	Removal of sewage sludge from a treatment pond, sewage sludge storage pond or Geobag	No less than 14 days in advance of works ²	None specified

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

Note 2: N1 form available in Schedule 3.

Definitions

In this Licence, the terms in Table 14 have the meanings defined.

Table 14: Definitions

Term	Definition
ACN	Australian Company Number.
AHD	Australian Height Datum.
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	means the inclusive period from 1 January until 31 December in each year.
AS4454	means the Australian Standard AS 4454-2012 <i>Composts, soil conditioners and mulches</i> .
AS4482.1	means the Australian Standard AS4482.1 <i>Guide to the investigation and sampling of sites with potentially contaminated soil</i> .
AS4482.2	means the Australian Standard AS AS4482.2 <i>Guide to the sampling and investigation of potentially contaminated soil</i> .
AS/NZS 5667.1	means the Australian Standard AS/NZS 5667.1 <i>Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples</i> .
AS/NZS 5667.10	means the Australian Standard AS/NZS 5667.10 <i>Water Quality – Sampling – Guidance on sampling of waste waters</i> .
AS/NZS 5667.11	means the Australian Standard AS/NZS 5667.11 <i>Water Quality – Sampling – Guidance on sampling of groundwaters</i> .
averaging period	means the time over which a limit is measured or a monitoring result is obtained.
compost	means an organic product that has undergone controlled aerobic and thermophilic biological transformation through the composting process.
composting	the process whereby organic materials are microbiologically transformed under controlled aerobic conditions.
controlled waste	has the definition in <i>Environmental Protection (Controlled Waste) Regulations 2004</i> .

Term	Definition
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
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.
dS/m	means deciSiemens per metre.
DWER	Department of Water and Environmental Regulation
emission	has the same meaning given to that term under the EP Act.
extreme rainfall event	means a one in ten-year rainfall event of 72 hours duration.
emergency discharge	Means once off emergency transfer (transfer to be completed by 30 November 2021) of treated effluent water from the treated effluent storage dam into the composting facility leachate storage dam when the dam freeboard is about to be compromised during wet weather event.
EP Act	<i>Environmental Protection Act 1986</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
feedstock	means the organic material used in the composting process and listed in Table 1.
flooded	means inundated with water.
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point.
greenwaste	means waste that originates from untreated trees or plants.
hardstand	means a surface with a permeability of 10 ⁻⁹ metres/second or less.
leachate	means liquid released by or water that has percolated through waste and 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.

Term	Definition
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.
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.
non-conforming load tank	means the partially submerged concrete tank not connected to the treatment ponds as depicted in Schedule 1.
pasteurisation	means the process whereby organic materials are treated to significantly reduce the numbers of plant and animal pathogens and plant propagules.
Premises	refers to the premises to which this Licence applies, as specified at the front of this Licence and as shown on the premises maps in Schedule 1 to this Licence.
quarterly	means the 4 inclusive periods from 1 January to 31 March, 1 April to 30 June, 1 July to 30 September and 1 October to 31 December in the same year.
prescribed premises	has the same meaning given to that term under the EP Act.
Schedule 1	means Schedule 1 of this Licence unless otherwise stated
Schedule 2	means Schedule 2 of this Licence unless otherwise stated
Schedule 3	means Schedule 3 of this Licence unless otherwise stated
six monthly	means the 2 inclusive periods from 1 January to 30 June to 1 July to 31 December in the same year.
unrestricted use	means compost use where the product is marketed or distributed in bags and in bulk in an unrestricted manner in all market sectors including domestic use, urban landscaping, agriculture and land rehabilitation.
usual working day	means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia.
Waste Code	means the Waste Code assigned to a type of controlled waste for purposes of waste tracking and reporting as specified in the Department of Environment Regulation “Controlled Waste Category List” (July 2014), as amended from time to time.
windrow	means compost or soil conditioned stockpiles.
waste	has the same meaning given to that term under the EP Act.

Term	Definition
wire stock fence	means a fence at least 1.2 metres in height, constructed from five strand plain or barbed wire or a ring lock fence with at least one strand of plain or barbed wire on the top.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is depicted by the pink line in the map below and coordinates referenced in Schedule 2, Table 15 (Figure 1).



Figure 1: Map of the boundary of the prescribed premises

Map of storage areas, emission points and monitoring locations

The location of the storage areas defined in Table 3, emission points defined in Tables 4 and 5 and monitoring points defined in Tables 6 and 10 are shown below (Figure 2).



Figure 2: Map of storage areas, emission points and monitoring locations

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Map of monitoring bore locations

The location of the monitoring bores defined in Table 9 are shown below (Figure 3).



Figure 3: Map of monitoring bore locations

Schedule 2: Premises boundary

The premises boundary in Schedule 1 is defined by the coordinates in Table 15.

Table 15: Premises boundary coordinates (GDA 2020)

Reference point	Easting	Northing	Zone
1	570959.65793	6133933.97195	50
2	571289.04126	6134009.04168	50
3	571324.53359	6133875.67830	50
4	571479.87557	6133885.55488	50
5	571477.70653	6133608.30832	50
6	571030.13309	6133600.70852	50

Schedule 3: Reporting & notification forms

N1 form

The Licence Holder is to submit this form in accordance with the requirements of this Licence



Government of **Western Australia**
Department of **Water and Environmental Regulation**

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	