



Licence number	L8585/2011/1
Licence Holder	Peel Resource Recovery Pty Ltd
ACN	149 428 697
Registered business address	6 Parkfield Street BUNBURY WA 6230
DWER file number	2011/006756-1~1
Duration	12/09/2011 to 11/09/2025
Date of issue	18 March 2020
Premises details	Pinjarra Transfer Recycling Facility Lot 100 on Deposited Plan 408156 49 Munday Avenue PINJARRA WA 6208 As defined by the coordinates in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production or design capacity
Category 62: Solid waste depot – premises on which waste is stored or sorted pending final disposal or reuse	100,000 tonnes per annual period
Category 13: Crushing of building material: premises on which waste building or demolition material (for example, bricks, stones or concrete) is crushed or cleaned.	60,000 tonnes per annual period

This licence is granted to the Licence Holder, subject to the attached conditions, on 18 March 2020, by:

Tracey Hassell

A/Manager – Waste Industries

Regulatory Service

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

Licence history

Date	Reference number	Summary of changes
21/02/2011	W4839/2010/1	New application
12/09/2011	L8585/2011/1	Licence issue
03/10/2013	L8585/2011/1	Licence amendment and format conversion
4/02/2016	L8585/2011/1	Licence amendment to include the mechanical crushing and screening of construction and demolition waste
18/03/2020	L8585/2011/1	Licence amendment to alter the premises boundary and update the format and appearance of the Licence.

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 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;
- (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:

Waste acceptance

1. The Licence Holder shall only accept waste on 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; and
 - (c) it meets any specification listed in Table 1

Table 1. Waste acceptance

Waste type	Quantity limit	Specification
Inert Waste Type 1	Combined total to a maximum of 95,000 tonnes per annual period	Construction and demolition waste; Clean Fill; and Waste containing visible asbestos or asbestos containing material (ACM) shall not be accepted
Inert Waste Type 2		Scrap metal and tyres
Putrescible Waste	Total of 5,000 tonnes per annual period	Garden waste or green waste and crushed glass source material

2. The Licence Holder shall ensure that where waste does not meet the waste acceptance criteria set out in Table 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 must ensure that any waste that does not conform to the waste acceptance criteria in Table 1 **Error! Reference source not found.** due to asbestos content, is covered or bagged and kept within a clearly identified, labelled, segregated and secure container prior to being removed off site to an appropriately authorised facility within 48 hours.
4. The Licence Holder must advise all source material providers that asbestos or potentially asbestos contaminated material is not accepted at the Premises.
5. The Licence Holder must include a 'no asbestos' clause in all contracts with all source material providers.
6. The Licence Holder must visually inspect all loads of waste when they arrive at the Premises, prior to unloading, to determine the risk of a load containing asbestos or ACM and each load shall be classified in accordance with the risk classification procedure outlined in Attachment 1 (Classified Load).
7. Where the inspection required by Condition 6 confirms that the load contains asbestos or ACM, the Licence Holder must:
 - (a) Reject the waste for acceptance;
 - (b) Maintain accurate records of all the rejected loads on the Premises and the documentation must be made available to Department officers upon request; and
 - (c) Record the details of the waste source, material carrier, registration number of the vehicle and the date of rejection.

Unloading inspection

8. Upon acceptance of waste, the Licence Holder must direct each Classified Load to an unloading area at the site for further inspection. The unloading area must be appropriately designed and constructed to ensure the Classified Load will not mixed with other waste prior to inspection.
9. At the unloading area, the Licence Holder must keep all stockpiles of waste in a damp state throughout the inspection process. The Licence holder must visually inspect loads classified as Low Risk Loads, while the material is being unloaded to determine whether any asbestos can be identified.
10. If asbestos is suspected or identified, the load must be reclassified as a High Risk Load and the Licence Holder must implement the High Risk Load procedure set out in Attachment 2.
11. High Risk Loads must be visually inspected and handled in accordance with the procedure set out in Attachment 2.
12. The Licence Holder must maintain accurate and auditable records of all loads that have been inspected and suspected or found to contain asbestos. Those records must show the source and originating site and actions taken to address the issue with the source customer.
13. The Licence Holder must continue to visually inspect waste on the Premises at all stages of the storage, sorting, screening and crushing process. Suspected asbestos identified at any stage of the process must be handled in accordance with the procedure set out in Attachment 2 and records maintained in accordance with Condition 12.

Waste processing specifications

14. The License Holder shall ensure that wastes accepted onto the Premises are only subjected to the process(es) set out in Table 2 and in accordance with any process limits described in that Table.

Table 2. Waste processing

Waste type	Process	Process limits
Inert Waste Type 1	Receipt, handling, mechanical sorting, hand sorting, crushing, screening, stockpiling and storage	<p>All loads must be wet down prior to loading and unloading.</p> <p>All loads must be inspected for asbestos contamination prior to acceptance for crushing or screening purposes.</p> <p>Waste must be maintained in a damp state during crushing and screening activities to prevent dust emissions.</p> <p>All stockpiles and operational areas must be maintained in a damp state during operational hours.</p> <p>Product and Waste stockpiles must not exceed five metres in height at any point from the base of the stockpile.</p> <p>Processing shall cease where dust emissions cannot be controlled by the relevant infrastructure specified in Table 3.</p>
Inert Waste Type 2	Receipt, handling and storage	Storage of no more than 25 tyres

Waste type	Process	Process limits
Putrescible waste	Receipt, handling and storage	<p>Garden waste or green waste and crushed glass source material only;</p> <p>Only to be stored and sorted within the Transfer Station Sorting Shed;</p> <p>Crushing or screening of crushed glass source material is not permitted;</p> <p>Mulching of garden waste or green waste is not permitted; and</p> <p>To be removed from the Premises by close of business every Friday, or before the close of business on the day preceding a long weekend.</p>

14. The Licence Holder shall implement the following security measures at the site:
 - (a) erect and maintain suitable fencing to prevent unauthorised access to the site;
 - (b) ensure that any entrance gates to the premises are securely locked when the premises are unattended;
 - (c) undertake regular inspections of all security measures and repair damage as soon as practicable; and
 - (d) install and maintain a sign at the entrance to the Premises which clearly displays the following information;
 - (i) hours of operation;
 - (ii) contact telephone number ;
 - (iii) warning indicating penalties for people lighting fires; and
 - (iv) list of materials accepted for recycling and the location of where they can be deposited on the premises.
15. The Licence Holder shall implement control measures to prevent infestations of pests, flies and vermin at the Premises.
16. The Licence Holder shall take all reasonable and practical measures to ensure that no windblown waste escapes from the Premises.
17. The Licence Holder shall ensure that no waste is burnt on the premises.

Infrastructure and equipment

19. The Licence Holder must ensure that the infrastructure and equipment specified in Column 1 of Table 3 is maintained in good working order and operated in accordance with the requirements specified in Column 2 of Table 3.
20. The Licence Holder must not depart from the specifications in Table 3 except:
 - (a) where such departure is minor in nature and does not materially change or affect the infrastructure; or
 - (b) where such departure improves the functionality of the infrastructure and does not increase risks to public health, public amenity or the environment; and all other Conditions in this licence are still satisfied.

Table 3. Works specifications

Column 1	Column 2
Infrastructure	Specifications (design, construction and operation)
(1) Crusher	<p>The crusher must be designed, constructed and operated so as to meet the following specifications:</p> <ul style="list-style-type: none"> (a) The crusher must be a McCloskey J50 model crusher or a model with similar specifications; (b) The crusher must be positioned in the area labelled 'crusher' in Schedule 1 Premises maps; (c) The crusher plant is only permitted to operate one day a month between Monday and Friday and for no more than five hours that day; (d) The crusher plant is only allowed to operate once there is a 200m³ stockpile of clean concrete material to crush; (e) The screen and crusher are not permitted to be operated together at the one time; and (f) The operation of the crusher is restricted to weekdays, Monday through to Friday, excluding public holidays, between the hours of 9am and 4pm.
(2) Screen	<p>The screen must be designed, constructed and operated so as to meet the following specifications:</p> <ul style="list-style-type: none"> (a) The screen must be an electric Terex 883 model screener; (b) The screen must be positioned in the area labelled 'screen' in Schedule 1 Premises maps; (b) The hopper and conveyor must be positioned within the Transfer Station Shed as depicted in Schedule 1; (c) The screen plant is only permitted to operate one day a week between Monday and Friday for only five hours that day; (d) The screen and crusher are not permitted to be operated together at the one time; and (e) The operation of the screen is restricted to weekdays, Monday through to Friday, excluding public holidays, between the hours of 9am and 4pm.
(3) Sprinkler system	<ul style="list-style-type: none"> (a) Must be maintained so as to be able to adequately suppress dust lift-off from all operational areas and stockpiles. (b) Targeted wetting must occur during operational hours when material handling has the potential to generate fugitive dust. (c) Spray reach and rate of flow of sprinklers must be sufficient to reach the top of all stockpiles. (d) Spray reach and rate of flow of sprinklers must be maintained in good working order.

21. If Condition 20 applies, then the Licence Holder must provide the CEO with a list of departures which are certified as complying with Condition 20 at the same time as the certifications under Condition 22.
22. The Licence Holder must submit a construction compliance document to the CEO, following the construction of the infrastructure specified in Table 3 and prior to operating the screen and crusher.
23. The Licence Holder must ensure the construction compliance document:

- (a) is certified by a suitably qualified person authorised to represent the Licence Holder that each item of infrastructure specified in Table 3 has been constructed in accordance with the Conditions of the licence with no material defects; and
- (b) be signed by a person authorised to represent the Licence Holder and contain the printed name and position of that person within the company.

Monitoring

24. The Licence Holder shall undertake the monitoring in Table 4 according to the specifications in that table.

Table 4. Monitoring of inputs and outputs

Input/Output	Parameter	Units	Averaging period	Frequency
Waste Inputs	Inert Waste Type 1, Inert Waste Type 2, garden waste or green waste and crushed glass source material.	tonnes (where a weighbridge is present on the site)	N/A	Each load arriving at the Premises
Waste Outputs	Waste type as defined in the Landfill Waste Classification and Waste Definitions 1996 (As amended December 2009)	m ³ (where no weighbridge is present)		Each load leaving or rejected from the Premises

Records and reporting

25. 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 25(d) be retained for at least six 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.
26. The Licence Holder shall complete an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the conditions of the Licence, and any previous Licence issued under Part V of the Act for the Premises for the previous annual period.
27. 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.
- 28.** The Licence Holder shall implement and maintain a system which ensures that a record is made of:
- (a) the waste types and quantities accepted at the Premises;
 - (b) the waste types and quantities removed from the Premises;
 - (c) the waste types and quantities screened and crushed and the dates waste was screened and crushed; and
 - (d) loads rejected from the Premises including the reason for rejection.
- 29.** The Licence Holder shall submit to the CEO an Annual Environmental Report within 28 calendar days after the end of the annual period. The report shall contain the information listed in Table 5 in the format or form specified in that table.

Table 5. Annual Environmental Report

Condition or table (if relevant)	Parameter	Format or form ¹
-	Summary of any failure or malfunction of any pollution control equipment or any incidents that have occurred during the annual period and any action taken	None specified
26	Compliance	Annual Audit Compliance Report (AACR)
27	Complaints summary	None specified
28	Summary of each waste type accepted, removed, screened and crushed and rejected from the Premises	None specified

- 30.** The License Holder shall ensure that the parameters listed in Table 6 are notified to the CEO in accordance with the notification requirements of the table.

Table 6. Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
Condition 1, Table 1	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

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

Note 2: Forms are in Schedule 2

Definitions

In this licence, the terms in Table have the meanings defined.

Table 7: Definitions

Term	Definition
ACM	Asbestos Containing Material
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 July until 30 June of the immediately following year.
asbestos	means the asbestiform variety of mineral silicates belonging to the serpentine or amphibole groups of rock-forming minerals and includes actinolite, amosite, anthophyllite, chryotile, crocidolite, tremolite and any mixture containing 2 or more of those.
books	has the same meaning given to that term under the EP Act.
Construction and demolition waste (C&D Waste)	refers to construction and demolition waste and has the meaning defined in the <i>Landfill Definitions</i>
Classified Load	means the classification of waste loads during acceptance and post acceptance based on the risk of waste material containing asbestos or ACM and through visual inspection. Classification of waste loads shall be undertaken in accordance with the provisions outlined in Section 3.3 and 3.4 DWER Asbestos Guidelines.
Clean Fill	has the meaning defined in the <i>Landfill Definitions</i> .
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 (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.

Term	Definition
DWER Asbestos Guidelines	means the document titled 'Guidelines for managing asbestos at construction and demolition waste recycling facilities', published by the Department of Environment and Conservation, as amended from time to time.
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>
High Risk Loads	refers to loads classified as 'High Risk' in accordance with the DWER Asbestos Guidelines <i>Risk Classification Matrix</i> included in Attachment 1 of this Licence.
Inert Waste Type 1	has the meaning defined in the <i>Landfill Definitions</i> .
Inert Waste Type 2	has the meaning defined in the <i>Landfill Definitions</i> .
Landfill Definitions	Means the Landfill Waste Classification and Waste Definitions 1996 (as amended)
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(s) (Figures 1 and 2) 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

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Figure2. Infrastructure locations

Premises boundary

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

Table 1: Premises boundary coordinates (GDA94)

No.	Latitude	Longitude
1	32.62571	115.85317
2	32.62571	115.85403
3	32.62677	115.85409
4	32.62678	115.85321
5	32.62667	115.85308

Schedule 2: Form N1



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	

Attachment 1 – Asbestos Risk Classification Procedure

To determine the risk of an incoming load containing Asbestos, the Gatehouse operator should establish:

- The source of the load including the site location and if possible, the age of any building or structure from which the waste originated;
- The content/waste types within the load; and
- The type of load.

Where the source of the load can clearly be determined to be a building or structure constructed after 1990 then the load can be considered to represent a low risk of Asbestos contamination. Where the waste originates from a building constructed before 1990 or there is uncertainty over this issue, the risks associated with Asbestos in the load must be established in line with the Risk Classification Matrix below.

Risk Classification Matrix			
Material Type	Type of load		
	Commercial	Public, utes, cars and trailers*	Skip bins
Clean Concrete (without formwork)	Low	High	High
Clean Brick	Low	High	High
Clean Bitumen / Asphalt	Low	High	High
Mixed Construction waste	High	High	High
Mixed Demolition waste	High	High	High

* if it is possible to view the entire load of incoming C & D material (eg a small trailer with a shallow load, then consideration may be given to classifying these loads as low risk

(Risk Matrix Classification adapted from WorkSafe Victoria 2006 and WMAA 2009)

(from Section 3.3 of the DER Asbestos Guidelines, pages 10 – 11)

Attachment 2 – High Risk Load Procedure

- High Risk Loads must be unloaded and spread over a sufficiently large area to enable a comprehensive visual inspection of all sides of the material to be undertaken.
- If Asbestos is suspected or detected, the load must be isolated, kept wet and once appropriately contained in accordance with the Environmental Protection (Controlled Waste) Regulations 2004, and redirected to an appropriately authorised disposal facility.
- Where suspect ACM is identified within a load and is not capable of being easily removed by hand, the load must be rejected and should be isolated, kept wet and once appropriately contained in accordance with *Appendix A: Asbestos Factsheet* of the DWER Asbestos Guidelines, redirected to an appropriately authorised disposal facility.
- Where suspected ACM fragments capable of being easily removed by hand are identified in a load, the suspect ACM must be removed from the load and either:
 1. Appropriately isolated and covered for Asbestos testing. If testing of representative samples confirms the material is ACM it must be redirected to an appropriately authorised disposal facility. If testing confirms the material is not ACM the Waste can be added to the stockpile awaiting further processing; or
 2. Assumed to be ACM and redirected to an appropriately authorised disposal facility.
- All suspected or assumed ACM must be segregated. Material must be clearly labelled, kept secure and sufficiently contained to prevent the release of Asbestos including wind blown fibres.
- Once all suspected or assumed ACM has been removed from a load in line with the above procedure, the residual Waste can be added to the stockpile for further processing.
- Records must be kept to ensure that the process from receipt of C&D material to the completion of the unloading procedure is auditable and that any loads found to contain suspect Asbestos will be traced back to the customer and originating site.

(from Section 4.3 of the DER Asbestos Guidelines, page 12)