



Licence number	L9213/2019/1	
Licence holder	Earthcare Recycling Pty Ltd	
ACN	092 525 678	
Registered business address	C/- Preston Corporate Unit 1, 8 Preston Street COMO WA 6152	
DWER file number	DER2019/000375	
Duration	05/12/2019 to	04/12/2030
Date of issue	05/12/2019	
Date of amendment	26/11/2024	
Premises details	Earthcare Recycling 71 Wattleup Road WATTLEUP WA 6166 Legal description - Part Lot 15 on Diagram 9102, Certificate of Title Volume 2078 Folio 841, as defined by the coordinates in Schedule 2	

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 13 – Crushing of building material: premises on which waste building or demolition material (for example, bricks, stones or concrete) is crushed or cleaned.	25 000 tonnes per annual period
Category 62 – Solid waste depot: premises on which waste is stored, or sorted, pending final disposal or re-use.	45 000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 26 November 2024, by:

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

Licence history

Date	Reference number	Summary of changes
05/12/2019	L9213/2019/1	Licence granted
28/01/2020	L9213/2019/1	Licence amended to clarify no demolition waste is to be accepted on the premises.
26/11/2024	L9213/2019/1	Licence expiry date extended. Notice of Amendment of Licence Reporting Requirements incorporated.

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

- The licence holder must ensure that the infrastructure and equipment specified in Table 1 is maintained in good working order and operated in accordance with the requirements specified in Table 1.

Table 1: Infrastructure and equipment requirements

	Site infrastructure and equipment	Operational requirements
1	<p>RM 90 Impactor (crusher)</p> <p>84 dB sound power level (within 10 metres)</p> <p>Capacity of 200 tonnes per hour</p> <p>Proposed throughput of 50 tonnes per hour</p>	<p>(a) In-built water suppression must be operated when crushing equipment is operated.</p> <p>(b) Crushing must only occur on a maximum of 14 days over a 4 month period.</p> <p>(c) Must only be operated between the hours of 0700 and 1700 Monday to Friday.</p>
2	<p>883 Terex Reclaimer (screener)</p> <p>75 dB sound power level (within 10 metres)</p> <p>Capacity of 600 tonnes per hour</p> <p>Proposed throughput of 200 tonnes per hour</p>	<p>(a) In-built water suppression must be operated when crushing equipment is operated.</p> <p>(b) Screening must only occur on a maximum of 14 days over a 2 month period.</p> <p>(c) Must only be operated between the hours of 0700 and 1700 Monday to Friday.</p>
3	Sprinkler system	<p>(a) Must be maintained so as to be able to cover the area specified in the Dust Suppression – sprinkler system map in Schedule 1 to adequately suppress dust lift-off from all operational areas and stockpiles.</p> <p>(b) Targeted wetting must occur during operational hours when material handling has the potential to generate fugitive dust.</p> <p>(c) Spray reach and rate of flow of sprinklers must be sufficient to reach the top of all stockpiles specified above.</p> <p>(d) Spray reach and rate of flow of sprinklers must be maintained in good working order.</p>
4	Sealed storage bins	<p>(a) The integrity of storage bins must be maintained at all times.</p>

Waste acceptance

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

Table 2: Waste acceptance

Waste Type ¹	Rate at which waste is received	Acceptance specification
Clean fill	20,000 tonnes per annual period	(a) Waste containing visible asbestos or ACM shall not be accepted. (b) Clean fill must only be sourced from New Building Construction Sites.
Inert Waste Type 1	24,000 tonnes per annual period	(a) Limited to construction waste sourced from New Building Construction Sites. (b) Waste containing visible asbestos or ACM shall not be accepted. (c) Demolition wastes shall not be accepted.
Inert Waste Type 2	500 tonnes per annual period	(a) Plastics only.
Putrescible waste	500 tonnes per annual period	(a) Timber, cardboard and paper only.

Note 1: Waste Type as defined in the *Landfill Waste Classification and Waste Definitions 1996 (as amended)*

3. The licence holder must visually inspect all waste on arrival at the premises and again before it enters any stockpile or treatment process to ensure that it complies with the waste acceptance criteria in Table 2.
4. The licence holder must ensure that where waste does not meet the waste acceptance criteria set out in Table 2, it is removed from the premises by the delivery vehicle or, where that is not possible, stored in a rejected waste storage area or container and removed to an appropriately authorised facility as soon as practicable.
5. The licence holder must ensure that any waste that does not conform to the waste acceptance criteria in Table 2 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.

Pre-acceptance requirements

6. The licence holder must advise all source material providers that asbestos or potentially asbestos contaminated material is not accepted at the premises.
7. The licence holder must include a 'no asbestos' clause in all contracts with all source material providers.

Acceptance inspection

8. 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 Schedule 3.

Department of Water and Environmental Regulation

- 9. Where the inspection required by condition 8 confirms that the load contains asbestos or ACM, the licence holder must reject the waste for acceptance.

Unloading inspection

- 10. Upon acceptance of waste, the licence holder must direct each Classified Load to an unloading area at the premises for further inspection. The unloading area must be appropriately designed and constructed to ensure the classified load will not mix with other waste prior to inspection.
- 11. At the unloading area, the licence holder must keep all stockpiles of waste in a damp state throughout the inspection process using the infrastructure specified in condition 1. 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.
- 12. 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 Schedule 4.
- 13. High Risk Loads must be visually inspected and handled in accordance with the procedure set out in Schedule 4.
- 14. 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 Schedule 4.

Waste processing

- 15. The licence holder shall ensure that wastes accepted onto the premises are only subject to the corresponding processes which meet the corresponding process limits set out in Table 3.

Table 3: Waste processing

Waste Type	Process	Process Limits
Clean fill	Receipt, handling, sorting, stockpiling, screening, crushing and storage prior to sale or removal offsite.	(a) All loads must be wet down prior to loading and unloading.
Inert Waste Type 1		(b) All loads must be inspected for asbestos contamination prior to acceptance for crushing or screening purposes. (c) Waste must be maintained in a damp state during crushing and screening activities to prevent dust emissions. (d) All stockpiles and operational areas must be maintained in a damp state during operational hours. (e) Product and Waste stockpiles must not exceed 6 metres in height at any point from the base of the stockpile. (f) Processing shall cease where dust emissions cannot be controlled by the relevant infrastructure specified in Table 1. (g) Operations must only occur between 7:00am and 5:00pm Monday to Friday.

Waste Type	Process	Process Limits
Inert Waste Type 2	Receipt, handling and storage prior to removal offsite.	(a) Waste must be stored within an impermeable container. (b) Waste to be removed fortnightly from the premises and disposed of at an appropriately licenced facility.
Putrescible waste	Receipt, handling and storage prior to removal offsite.	(a) Waste must be stored within an impermeable container (b) Timber to be removed weekly from the premises and disposed of at an appropriately licenced facility.

16. Any non-conforming waste recovered during processing must be stored in an impermeable container prior to disposal at an appropriately authorised facility.
17. The licence holder shall take all reasonable and practical measures to ensure that no windblown waste escapes from the premises and that windblown waste is collected on at least a weekly basis and appropriately contained.
18. The licence holder must ensure that no waste is burnt on the premises.

Dust emission controls

19. The licence holder must ensure that:
 - (a) all product and waste stockpiles are maintained in a damp state by use of the infrastructure and equipment specified in condition 1; and
 - (b) all unsealed access roads and operational areas are maintained in a damp state during operational hours by use of infrastructure and equipment specified in condition 1.
20. The licence holder must ensure that all products to be removed from the premises are wetted down prior to loading.
21. The licence holder must ensure that no visible dust generated from the primary activities crosses the boundary of the premises.

Monitoring

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

Table 4: Waste inputs and outputs

Waste Type	Unit	Frequency
Clean fill	Tonnes	Each load arriving at and leaving the premises
Inert Waste type 1		
Inert Waste type 2		
Putrescible waste		
Non-conforming wastes		Each load leaving or rejected from the premises

Records and reporting

Records

- 23.** 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.
- 24.** 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 maintenance of infrastructure required to ensure that it is kept in good working order in accordance with condition 1 of this licence;
 - (c) the dates that crushing and/or screening operations are undertaken in accordance with condition 1 of this licence;
 - (d) records of all loads that have been inspected under conditions 3, 8, 11, 13 and 14, and suspected or found to contain asbestos. The records must show the source and originating site and actions taken to address the issue with the source customer;
 - (e) the details of the waste source, material carrier, registration number of the vehicle and the date of rejection for all loads rejected under condition 9;
 - (f) monitoring undertaken in accordance with condition 22 of this licence; and
 - (g) complaints received under condition 23 of this licence.
- 25.** The books specified under condition 24 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.

Reporting

- 26.** The licence holder must submit to the CEO, no later than 31 January each year, an Annual Audit Compliance Report indicating the extent to which the licence holder has complied with the conditions in this licence for the preceding Annual Period.
- 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.

Definitions

In this licence, the terms in Table 5 have the meanings defined.

Table 5: 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 are available on the Department's website).
Annual Period	means a 12 month period commencing from 1 January until 31 December.
Asbestos	means the asbestiform variety of mineral silicates belonging to the serpentine or amphibole groups of rock-forming minerals and includes actinolite, amosite, anthophyllite, chrysotile, crocidolite, tremolite and any mixture containing 2 or more of those.
books	has the same meaning given to that term under the EP Act.
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.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
condition	means a condition to which this Licence is subject under s.62 of the EP Act.
damp	means material is moist to the touch.
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.

Department of Water and Environmental Regulation

Term	Definition
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 in relation to: <ul style="list-style-type: none"> (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.
DWER	Department of Water and Environmental Regulation.
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	means the <i>Environmental Protection Act 1986</i> (WA).
EP Regulations	means the <i>Environmental Protection Regulations 1987</i> (WA).
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> .
Inspector	means an inspector appointed by the CEO in accordance with s.88 of the EP Act.
Landfill Definitions	means the <i>Landfill Waste Classification and Waste Definitions 1996</i> (as amended)
licence	refers to this document, which evidences the grant of a 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.
Low Risk Loads	refers to loads classified as 'Low Risk' in the DWER Asbestos Guidelines <i>Risk Classification Matrix</i> included in Attachment 1 of this Licence.
New Building Construction Sites	means a construction site which only encompasses construction materials from a new housing or building development sites that have recently undergone construction or are currently in construction.
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the map in Schedule 1 to this licence.

Term	Definition
prescribed premises	has the same meaning given to that term under the EP Act.
Primary Activities	refers to the prescribed premises activities listed on the front of this licence, at the locations shown in Schedule 1.
Product	refers to Inert Waste Type 1 materials which have undergone crushing, processing or screening to create a usable recycled product and which conforms with the specifications of this licence.
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).

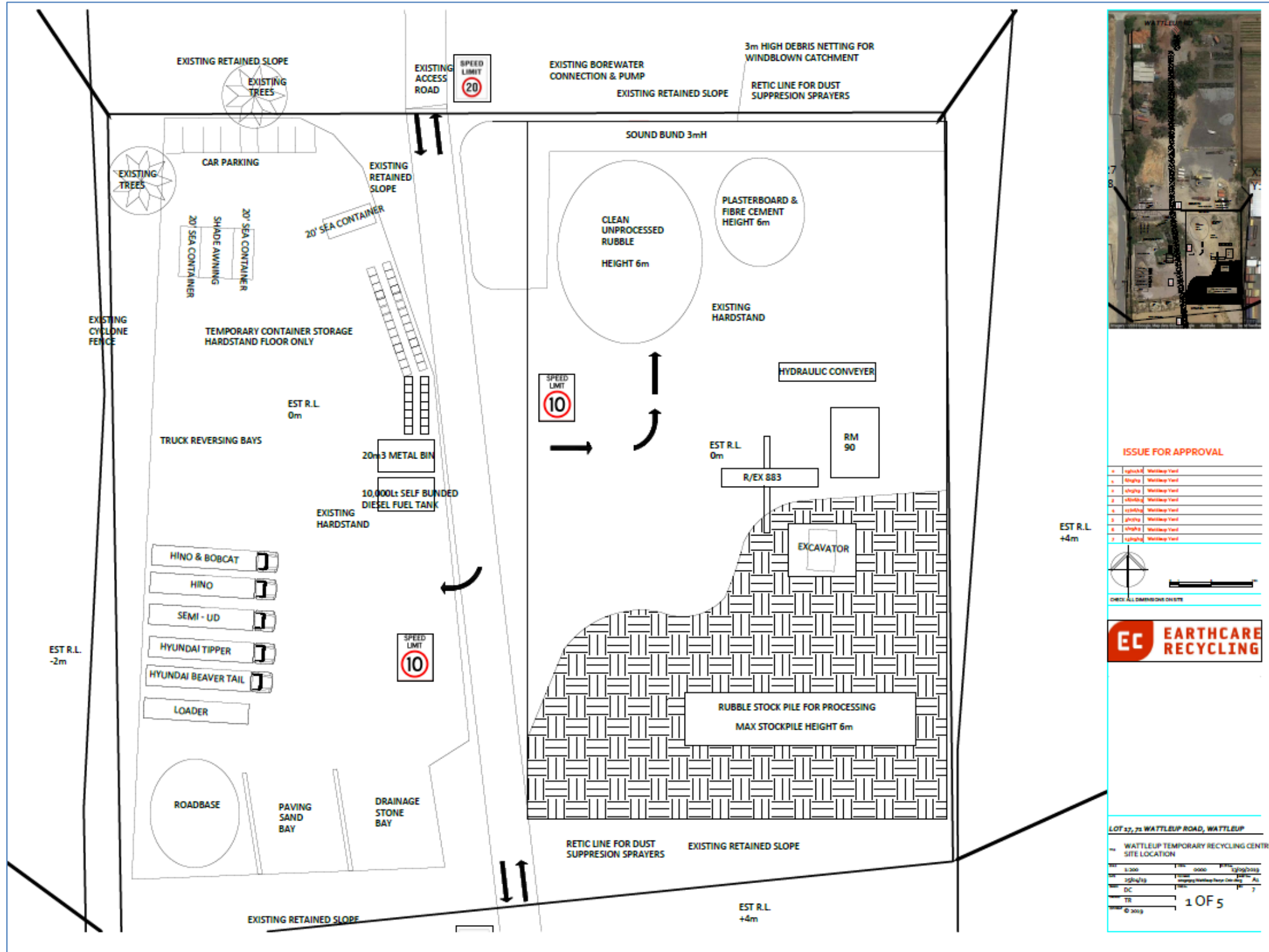


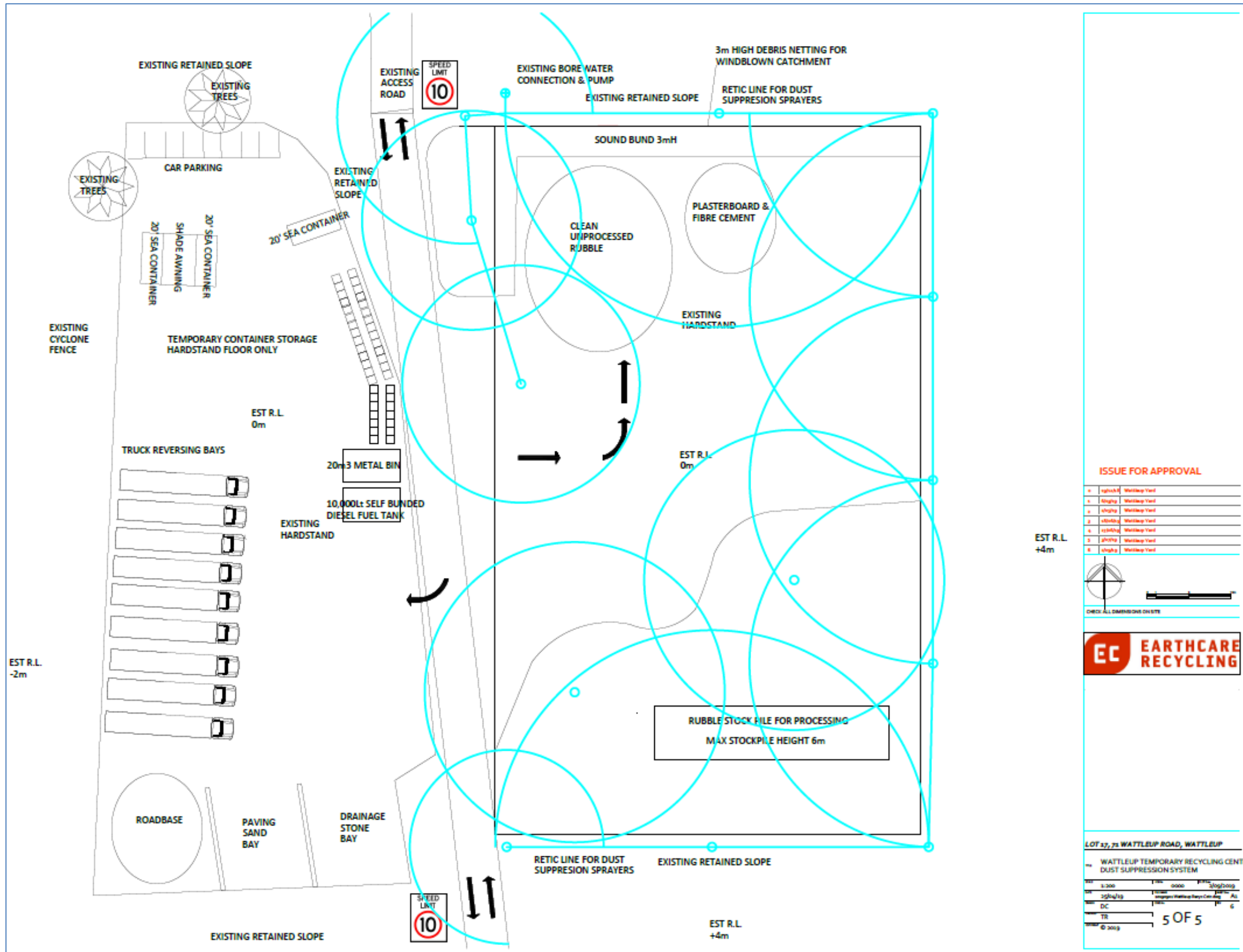
Figure 1: Map of the boundary of the prescribed premises



Figure 2: Map of the premises boundary

L9213/2019/1

IR-T06 Licence template (v10.0) (May 2024)



ISSUE FOR APPROVAL

1	10/01/24	Wattleup Yard
2	10/01/24	Wattleup Yard
3	10/01/24	Wattleup Yard
4	10/01/24	Wattleup Yard
5	10/01/24	Wattleup Yard
6	10/01/24	Wattleup Yard



LOT 17, 72 WATTLEUP ROAD, WATTLEUP
 WATTLEUP TEMPORARY RECYCLING CENTRE
 DUST SUPPRESSION SYSTEM
 1:500
 DC
 TR
 © 2024
 5 OF 5

Figure 3: Dust suppression – sprinkler system network

Schedule 2: Premises boundary

The premises boundary is defined by the coordinates in Table 6.

Table 6: Premises boundary coordinates

Easting	Northing
115.800827	-32.178708
115.800824	-32.179618
115.801881	-32.179579
115.801886	-32.178724

Schedule 3: Asbestos load risk classification procedure

To determine the risk of an incoming load containing asbestos or ACM, the gatehouse operator at the premises must 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 in Table 7 below.

Table 7: Risk classification matrix

MATERIAL TYPE	TYPE OF LOAD		
	Commercial	Public – utes, cars, and trailers ¹	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

Note 1: If it is possible to view the entire load of incoming construction and demolition material (such as in the case of a small trailer with a shallow load), then consideration may be given to classifying those loads as 'low risk'.

Schedule 4: 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 and components of the material to be undertaken.
- If asbestos fines (AF) or fibrous asbestos (FA) is suspected or identified, the load must be isolated, kept wet and, once appropriately contained, redirected to an appropriately authorised facility.
- Where ACM is suspected or identified within a load and is not capable of being easily removed by hand, the load must be rejected in full and isolated, kept wet and, once appropriately contained, redirected to an appropriately authorised 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:
 - (a) 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 facility. If testing confirms the material is not ACM the waste can be returned to the stockpile to await further processing; or
 - (b) assumed to be ACM and redirected to an appropriately authorised facility.
- All suspected or assumed ACM must be segregated and stored in the quarantined storage area or container. 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 material can be added to the stockpile waiting further processing.
- Records must be kept to ensure that the process from receipt of all waste types 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.