



<b>Licence number</b>	L9406/2023/1
<b>Licence holder</b>	Westralian Resource Solutions Pty Ltd
<b>ACN</b>	601 327 315
<b>Registered business address</b>	48 Griver Street COTTESLOE WA 6011
<b>DWER file number</b>	DER2023/000530
<b>Duration</b>	17/08/2023 to 16/08/2043
<b>Date of issue</b>	17/08/2023
<b>Premises details</b>	TerraVerde Resource Solutions Part of 150 Flynn Drive NEERABUP WA 6031 Being part of Lot 901 on Plan 50843 and defined by the coordinates in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production design capacity
Category 13: Crushing of building material	Combined total of 100,000 tonnes per annual period
Category 62: Solid waste depot	

This licence is granted to the licence holder, subject to the attached conditions, on 17 August 2023 by:

Neville Welsh  
SENIOR INDUSTRY REGULATION OFFICER  
INDUSTRY REGULATION  
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

## Licence history

Date	Reference number	Summary of changes
24/12/2015	W5921/2015/1	New Works Approval issued.
23/05/2016	L8951/2016/1	New Licence issued.
3/06/2019	L8951/2016/1	Amendment to stockpile heights, acceptance of greenwaste and tipping areas on Premises.
27/5/2020	L8951/2016/1	Licence Amended to extend expiry date.
17/08/2023	L9406/2023/1	New Licence with 20 year licence term that replaced ceased Licence L8951/2016/1

## 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
Storage basin	<ul style="list-style-type: none"> <li>- Direct stormwater as per condition 18</li> <li>- Battered banks of the storage basin are lined with limestone drainage rock for stability and sediment retention</li> </ul>	NA
Bio retention system	Filter stormwater through spinifex vegetation	Figure 2
Enclosed tip-off bay	Has cargo-container sidewalls, dome shelter roof and vertical PVC end curtains to contain dust and noise emission and a fine mist spray system is fitted to the shelter roof for dust suppression	
Plant and equipment consisting of: (i) rotating trommel sand screen (ii) picking belt (iii) impact crusher	<ul style="list-style-type: none"> <li>- to remove small items of rubble from sandy material</li> <li>- to remove residual waste from rubble</li> <li>- reduce &lt;300 mm construction product to &lt;19 mm road base</li> </ul>	
Wind monitor	to monitor wind direction and strength	NA
Stockpiles	Contained within designated areas, accessible by fixed reticulation system and not exceed the height as per Table 3	Figure 2
Fixed reticulation sprinklers and sprayer system	Operated as per condition 22	NA
3,000 L mobile dust suppression unit		
Dust walls		

### Premises operation

#### Waste acceptance

2. The licence holder must only accept waste on to the premises if:
  - (a) it is of a type listed in Table 2;
  - (b) the quantity accepted is below any quantity limit listed in Table 2; and
  - (c) it meets any specification listed in Table 2.

**Table 2: Waste acceptance**

Waste	Quantity Limit	Specification
Clean Fill	Combined total of 100,000 tonnes per annual period (greenwaste component limited to 2000 tonnes per annual period)	None
Inert Waste Type 1		<ul style="list-style-type: none"> <li>Construction and Demolition, Commercial and Industrial waste only.</li> <li>Waste containing visible asbestos or ACM shall not be accepted</li> </ul>
Greenwaste		<ul style="list-style-type: none"> <li>Nil</li> </ul>

3. The licence holder must 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 quarantined storage area or container and removed to an appropriately authorised facility as soon as practicable.
4. 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 and dampened thoroughly prior to handling, or bagged and kept within a clearly identified, labelled, segregated and secure container prior to being removed off site to an appropriate authorised facility.
5. The licence holder must advise all source material providers that asbestos or potentially asbestos contaminated material is not accepted at the Premises.
6. The Licence Holder must include a 'no asbestos' clause in all contracts with material sources.
7. The Licence Holder must maintain a clearly visible sign saying 'No Asbestos' at the entry to the Premises.
8. The licence holder must only accept waste onto the Premises for storage, sorting or crushing that is Inert Waste Type 1 with a signed declaration from the supplier of the source material with each delivery that warrants that the load does not contain any asbestos or ACM.
9. The licence holder must visually inspect all loads of material when they arrive at the Premises prior to unloading and during unloading to ensure that the material does not contain visible asbestos or ACM (classified load).
10. Where the inspection confirms that material does contain asbestos or ACM, the licence holder must:
  - (i) reject the waste material for acceptance;
  - (ii) maintain accurate records of all rejected loads on the Premises and the documentation must be made available to DER officers upon request; and
  - (iii) record the details of the material source, material carrier, registration number of the vehicle and date of rejection.
11. The licence holder must maintain classified loads in a damp state using appropriate dust suppression measures.
12. The licence holder must ensure that suspected classified loads are classified as "high risk" and continue to be managed in accordance with the high risk procedure as outlined in section 3.4 of the DER Asbestos Guidelines.
13. The licence holder must, as a minimum maintain records of all accepted load inspections and of any accepted loads which have been determined as Classified Loads or as "high risk" loads.

14. The licence holder must continue to visually inspect material on the Premises at all stages of the storage, sorting and crushing process. Suspect asbestos identified at any stage of the process must be handled in accordance with Condition 12 of this licence.
15. The licence holder must maintain material on the Premises in at least two separate stockpiles areas for unprocessed material, processed material tested for ACM and:
  - (i) unprocessed material and processed material areas must be kept clearly separated at a minimum 3m distance;
  - (ii) processed material tested for ACM and processed material awaiting testing for ACM must be clearly separated by a minimum 3m distance OR clearly delineated and separated with impermeable barriers; and
  - (iii) clearly visible and legible signage must be erected on individual stockpiles to clearly identify and delineate tested processed material, untested processed material and unprocessed material.

### Waste processing

16. The licence holder must ensure that wastes accepted onto the Premises are only subjected to the processes set out in Table 3 and in accordance with any process limits described in that Table.

**Table 3: Waste processing**

Waste type	Process	Process limits
Clean Fill	Acceptance and storage prior to removal offsite	<ul style="list-style-type: none"> <li>Stockpiles must not exceed 6 metres in height from the base of the stockpile</li> <li>All loads to be wet down prior and during unloading (unless already damp)</li> </ul>
Inert Waste Type 1	Acceptance and storage prior to crushing and screening and removal offsite	<ul style="list-style-type: none"> <li>All loads to be wet down prior to and during unloading (unless already damp)</li> <li>Waste processing to be undertaken within enclosed areas.</li> <li>Stockpiles must not exceed 6m in height from the base of the stockpile</li> <li>All waste and product stockpiles must remain in a damp state to prevent dust lift-off. Targeted wetting must occur when material handling such as reclaiming from the stockpiles has the potential to generate fugitive dust.</li> <li>No waste material to be landfilled (buried) on site</li> <li>All waste directed to the impact crusher must be dampened thoroughly prior to processing</li> <li>No more than 100,000 tonnes per annual period may be crushed and screened.</li> </ul>
Greenwaste	Acceptance and storage prior to removal offsite	<ul style="list-style-type: none"> <li>Stockpiles must not exceed 5m (H) by 10m (W) by 50m (L) in size.</li> <li>A minimum separation distance of 3m must be maintained between stockpiles.</li> </ul>

## Emissions and discharges

### Windblown waste

17. The licence holder must 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.

### Stormwater discharges

18. The licence holder must direct all stormwater to the onsite Storage Basin to ensure it is contained within the Prescribed Premises boundary.

## Monitoring

### Monitoring of inputs and outputs

19. The licence holder must undertake the monitoring in Table 4 according to the specifications

**Table 4: Monitoring of inputs and outputs**

Input/Output	Parameter	Units	Averaging period	Frequency
Waste inputs	Clean fill, Inert Waste Type 1, Putrescible Waste (green waste)	tonnes	N/A	Each load arriving at premises
Waste outputs	Waste type as defined in the Landfill Definitions	tonnes		Each load leaving or rejected from the Premises

20. The licence holder must ensure that recycling outputs originating from construction and demolition waste are sampled and tested in accordance with Table 5.

**Table 5: Recycled output sampling and testing**

Output	Parameter	Limit	Method
Recycled drainage rock	Asbestos (in any form)	0.001% w/w	In accordance with the DER Asbestos Guidelines.
Recycled sand			
Recycled road base			

21. The licence holder must ensure that the asbestos content of any recycled output originating from construction and demolition waste does not exceed the contamination limits specified in Table 6.

**Table 6: Recycled output contamination limits**

Output	Parameter	Limit
Recycled drainage rock	Asbestos (in any form)	0.001% w/w
Recycled sand		
Recycled road base		

## Dust

22. The licence holder must maintain and operate the following dust control to manage fugitive dust emissions in accordance with Table 7.

**Table 7: Dust infrastructure requirements**

Infrastructure / Equipment	Requirements
Fixed reticulation sprinklers and sprayer system	Spray reach and flowrates maintained in good working order to ensure complete coverage of waste acceptance, processing and stockpile areas.
3,000 L mobile dust suppression unit	Available for hardstand dust suppression
Dust walls	Dust walls must be maintained around the premises. Dust walls are to be 2.1m tall and constructed with either colorbond fencing or custom fitted HD shade cloth.

## Records and reporting

23. All information and records required by the Licence shall:  
be legible;
- (a) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
  - (b) except for records listed in 20(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
  - (c) for those following records, be retained until the expiry of the Licence and any subsequent licence:
  - (d) off-site environmental effects; or
  - (e) matters which affect the condition of the land or waters.
24. 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.
25. 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 90 days after the end of the annual period and annually thereafter an Annual Audit Compliance Report in the approved form.
26. 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 19,20,21 and 22 of this licence; and
  - (d) complaints received under condition 24 of this licence.

- 27.** The books specified under condition 26 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.
- 28.** The licence holder must submit to the CEO an Annual Environmental Report no later than 90 days after the end of the annual period and biennially thereafter. The report shall contain the information listed in Table 8.

**Table 8: Annual Environmental Report**

Condition or table (if relevant)	Parameter	Format
-	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
19	Monitoring of inputs and outputs	None specified
20	Recycled output sampling and testing	None specified
24	Complaints summary	None specified



## Definitions

In this licence, the terms in Table 9 have the meanings defined.

**Table 9: Definitions**

Term	Definition
ACN	Australian Company Number
ACM	means Asbestos Containing Material
Acceptance Criteria	has the meaning defined in Landfill Definitions
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 in each year
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: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
classified load	means any load that has been identified as containing asbestos or ACM
construction and demolition waste	has the meaning defined in Landfill Definitions
Damp	means moist to the touch
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.
DER 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
Dust Management Plan	means the document titled "Dust Management Plan, Recycling Plant Part of 150 Flynn Dr. Neerabup" dated 4 January 2016 as amended from time to time
Greenwaste	means biodegradable waste comprising plants and their component parts such as flower cuttings, hedge trimmings, branches, grass,

Term	Definition
	leaves, plants, seeds, shrub and tree loppings, tree trunks, tree stumps and similar materials and includes any mixture of those materials.
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
hardstand	means a surface with a permeability of 10-9 metres/second or less
Inert Waste Type 1	has the meaning defined in Landfill Definitions
Landfill Definitions	means the document titled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer of the Department of Environment as amended from time to time
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.

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**END OF CONDITIONS**

## Schedule 1: Maps

### Premises map

The blue line depicts the premises boundary and is shown in the map below (Figure 1)



Figure 1: Premise Boundary



## Schedule 2: Premises boundary

The premises boundary is defined by the coordinates in Table 10.

**Table 10: Premises boundary coordinates**

Point	Easting	Northing	GDA (2020)
1	386968.37	6493801.19	Zone 50
2	386968.89	6493876.19	Zone 50
3	386981.89	6493876.10	Zone 50
4	386982.50	6493964.10	Zone 50
5	387130.50	6493963.06	Zone 50
6	387129.46	6493814.07	Zone 50
7	387115.36	6493800.17	Zone 50