



Amendment Notice

Licence Number	L7344/1998/10
Licensee	Vancouver Waste Services Pty Ltd
ACN	135 344 357
Registered business address	PO Box 508 ALBANY WA 6331
Date of amendment	14 July 2016
Prescribed Premises	Category 62: Solid waste depot
Premises	Mindijup Road Waste Management Facility Part of Lot 3 on Diagram 61867 and Part of Lot 102 on Plan 22860 Mindijup Road PALMDALE WA 6328

Amendment

The Department of Environment Regulation (DER) has amended the above licence in accordance with section 59 of the *Environmental Protection Act 1986* as set out in this Amendment Notice.

Date signed: 14 July 2016

Caron Goodbourn

ACTING MANAGER LICENSING (WASTE INDUSTRIES)
LICENSING AND APPROVALS

Amendment Notice

This Notice is issued under section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the Licence issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

Amendment Description

The licence is amended in response to submission of an amendment application from the Licensee due to approaching final levels at the current disposal area for inert waste (tyres and clean fill). The Licensee estimates final levels (ground level) will be reached in October 2016 and subsequently requires the following changes to the licence.

Licence Condition Number	Amendment
N/A	To include a new disposal cell located approximately 80 metres (m) to the south of the active disposal cell. The new disposal cell area is an existing void in sand with dimensions of approximately 1.13 hectares in area and 5m in depth. Investigative drilling between the existing and proposed disposal locations in 1997 sunk a bore to 17m which did not encounter groundwater.
Table 1.2.2 of condition 1.2.3	Include a restriction on final cell levels due to the stability risk that tyres represent if mound-filled. Intent to this effect is included in the application and the Licensee has stated that this requirement represents a desirable outcome operationally as well as environmentally.
Schedule 1 Map	The new cell area included on map, using global positioning system points submitted by the Licensee.

DER has processed the amendment application under section 59(2) of the EP Act in order to amend conditions on the Licence and add an additional disposal cell for tyres. The amendments are made by the Delegated Officer pursuant to section 59(1)(b) and (g) of the EP Act.

Decision

A detailed risk-assessment is not required due to negligible additional risk to environmental receptors given the relatively inert nature of the waste and large buffers to groundwater and above ground receptors. The nearest sensitive above ground receptor is a rural residence 619m to the west of the proposed pit. As aforementioned, nearby groundwater investigation suggests standing water level greater than 17m below ground level. Subsurface geology is granular and could be expected to readily leach contaminants; however the contaminant risk from interred tyres is considered to be sufficiently low to not require basal barrier layers for mono-fill cells.

Having no tyres above ground level at the site greatly decreases the risk of tyre units becoming exposed through weathering and erosion of capping and cover which can lead to stability failure, increased fire risk and harbourage of insects and vermin. Current licence limits on the amount of exposed tyres sufficiently mitigate risk of fire and harbourage of insects and vermin. The inclusion to table 1.2.2 in this amendment adds a regulatory control to ensure this operational outcome is met.

The proposed tyre disposal area falls outside the bounds of the tyre disposal exclusion zones set out in Schedule 5 of the *Environmental Protection Regulations 1987*.

In granting this amendment the Delegated Officer has considered the following DER guidance statements:

- *Setting Conditions Division 3, Part V, Environmental Protection Act 1986, October 2015*
- *Licensing and works approvals process Part V Environmental Protection Act 1986, September 2015.*

Amendment History

Instrument	Issued	Amendment
L7344/1998/10	30/10/2014	Licence amendment (licence conversion, greenwaste processing and waste storage)
L7344/1998/10	29/10/2015	Licence amendment (greenwaste burning and char production)
L7344/1998/10	18/01/2016	Licence amendment (reduction of composting limit)
L7344/1998/10	14/07/2016	Licensee initiated amendment issued - new cell for inert waste.

Amendments

- Condition 1.1.1 of the licence is amended by the insertion of the red text shown in underline below:

- 1.1.1 The Licensee shall ensure that wastes accepted onto the Premises are only subjected to the processes set out in Table 1.2.2 and in accordance with any process requirements described in Table 1.2.2.

Table 1.2.2: Processing of materials

Waste type	Process	Process requirements ^{1,2}
Clean fill	Receipt, handling, storage and disposal of waste by landfilling	(a) Disposal of waste by landfilling shall only take place within the active landfill area <u>s</u> shown on the Premises map in Schedule 1.
Inert waste type 1		(b) All inert waste type 2 awaiting burial is stored within the inert landfill site;
Inert waste type 2		(c) No more than 300 tyres are to be left uncovered in the pit awaiting cover; (d) <u>The finished levels of the approved landfill areas shown on the Premises map in Schedule 1 shall not exceed the elevation of natural ground surrounding the pits.</u>
Green waste	Treatment by composting and pasteurisation	(e) Composting to be undertaken on the composting hardstand area only;
Straw		(f) Windrows shall be turned regularly to ensure aerobic conditions are maintained; (g) The core temperature of the composting pile is maintained between 55 °C and 65 °C for a period of at least three days;
		(h) Composting leachate is collected in the retention pond and either evaporated or returned to the composting process on the composting hardstand area;
		(i) Ensure that, as a minimum, compost meets physical and chemical requirements set out by AS4454.
Green waste	Grinding	(j) Moisture levels are maintained to minimise dust emissions during green waste grinding. (k) Grinding of green waste shall only occur within the hours of 7:30am and 5:30pm and shall not occur on Sundays or public holidays.
Green waste	Char production	(l) In accordance with condition 1.2.9.

Note 1: Requirements for landfilling tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*.

Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

- Schedule 1 is updated to depict in yellow the additional inert landfill site.

Schedule 1: Maps

Premises map

The Premises is shown in the map below. The red line depicts the Premises boundary. The locations of prescribed activities are demarcated and labelled.

