



Licence number L8603/2011/3

Licence holder Shire of Yilgarn

Registered business address 23 Antares Street
SOUTHERN CROSS WA 6426

DWER file number DWERT12463 – FA270947

Duration 30/01/2015 to 29/01/2044

Date of issue 29/01/2024

Premises details Southern Cross Landfill Site

Legal description –

Lot 994 on Plan 91454
Lot 300 on Plan 55299
Crown Reserve 37892
SOUTHERN CROSS WA 6426

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed 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.	250 tonnes per annual period
Category 64 Class II or III putrescible landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled 'Landfill Waste Classification and Waste Definitions 1996' published by the Chief Executive Officer and as amended from time to time) is accepted for burial.	5,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions on 29 January 2024 by:

Neville Welsh
SENIOR INDUSTRY REGULATION OFFICE
REGULATORY SERVICES
Officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Instrument history

Date	Reference number	Summary of changes
07/12/2009	W4569/2009/1	Works Approval granted
29/01/2024	L8603/2011/3	Licence renewed issued with 20 year duration

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 or landfill 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; and
 - (d) in the case of Contaminated Solid Waste, is supported by documentation that demonstrates compliance with the acceptance criteria for Class II landfills.

Table 1: Waste acceptance

Waste type	Quantity limit	Specification
Clean Fill	Combined total of up to 5000 tonnes per annual period	None specified
Putrescible Waste (including green waste)		
Inert Waste Type 1		
Inert Waste Type 2 (Tyres)		
Special Waste Type 1 (Asbestos)		To be wrapped in heavy duty plastic prior to acceptance
Special Waste Type 2 (Clinical Waste)		None specified
Contaminated solid waste	250 tonnes per annual period	Must meet the acceptance criteria for Class II landfills
Liquid waste		Septage (K210) and grease trap waste (K110)

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, the licence holder shall contact the CEO to agree a course of action in relation to the waste.

3. The licence holder shall ensure that wastes accepted onto the Premises are only subjected to the processes set out in Table 2 and in accordance with any infrastructure requirements and process limits described in that Table.

Table 2: Infrastructure requirements and waste processing

Waste type	Processes	Infrastructure requirements and process limits ¹
All	Receipt, handling, associated storage and disposal of waste by landfilling	<ul style="list-style-type: none"> No waste shall be temporarily stored or landfilled within 35 meters from the boundary of the premises; Maintain a minimum horizontal distance of at least one-hundred (100) meters between the previously filled areas of the premises or the tipping area and any surface water body; Maintain an undisturbed separation distance of at least three (3) meters between the base of the landfill disposal area to the highest level of groundwater; Place waste within a defined trench or within an area enclosed by earthen or other bunds; Trench construction is only permitted within the boundary of the Landfill Area Map (Figure 2). Trenches are to be 50-70 meters in length, 11-15 meters wide and two (2) meters deep. Restrict the tipping area to a maximum linear length of thirty (30) meters; Ensure the active exposed tipping face does not exceed two (2) meters in vertical height. Maintain an undisturbed separation distance of at least one (1) meter between each trench; and Apply and maintain cover on completed trenches in accordance with conditions 4 and 5.
Clean Fill	Receipt, handling, associated storage and disposal of waste by landfilling	None specified
Inert Waste Type 1		None specified
Inert Waste Type 2 (Tyres)		<u>Tyre storage above ground prior to burial</u> <ul style="list-style-type: none"> Not more than 100 tyres are to be stored above ground at the storage area at any one time. <u>Tyre disposal by burial</u> <ul style="list-style-type: none"> To be stored in a designated tyre waste cell, in batches of tyres separated from each other with at least 100 mm of soil; Each batch consists of not more than 1,000 tyres or 40 m³ of tyre pieces; and Trench construction is only permitted within the boundary of the Landfill Area Map (Figure 2).

Green Waste	Receipt, handling, associated storage and disposal of waste by landfilling	<ul style="list-style-type: none"> No greater than 240m³ of green waste shall be stored at any one time; No greater than 240m³ of mulched green waste shall be stored at any one time; All mulched green waste shall be stored in windrows; Temperatures within mulched green waste windrows shall be monitored on a weekly basis; Windrows with an internal temperature exceeding 80 degrees Celsius shall be turned/mixed, or otherwise treated to reduce the temperature; All green waste storage areas shall be on an impermeable surface within the boundary of the Landfill Area Map (Figure 2); and A five (5) metre windbreak shall be maintained around green waste storage areas and each windrow.
	Disposal by burning	<u>Burning of Green Waste Only</u> <ul style="list-style-type: none"> to be dried and seasoned for at least 2 months before burning; to take place in a designated burning area at least 25m from the boundary of any active disposal areas and within the boundary of the Landfill Area Map (Figure 2); to take place in trenches or windrows; to take place only when an adequate supply of water is available to effectively manage the burning process; to be burnt in a manner to minimise smoke generation; and ensure burning does not commence before 0800 hours and the Fire Control Officer for the premises declares the area safe by 1700 hours on the same day.
Special Waste Type 1 (Asbestos)	Disposal of waste by landfilling under the supervision of the licence holder, or person nominated by the licence holder	<ul style="list-style-type: none"> Only to be disposed of into a designated asbestos disposal trench within the boundary of the Landfill Area Map (Figure 2); Not to be deposited within 2m of the final tipping surface of the landfill; and No works should be carried out on the landfill that could lead to a release of asbestos fibres.
Special Waste Type 2 (Clinical Waste)	Disposal of waste by landfilling under the supervision of the licence holder, or person nominated by the licence holder	<ul style="list-style-type: none"> Only to be disposed of into a designated clinical waste disposal trench within boundary of the Landfill Area Map (Figure 2); Not to be deposited within 2m of the final tipping surface of the landfill; and No works shall be carried out on the landfill that could lead to clinical wastes being excavated or uncovered.
Liquid Waste		<ul style="list-style-type: none"> Only to be disposed of into the designated liquid waste pond, as shown in the Landfill Area Map in Schedule 1 (Figure 2).

Note 1: 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*.

4. The licence holder shall manage the landfilling activities to ensure:
 - (a) waste is levelled and compacted as soon as practicable after it is discharged;
 - (b) waste is placed and compacted to ensure all faces are stable and capable of retaining rehabilitation material; and
 - (c) restoration of a landfill phase takes place within 6 months after disposal has been completed.
5. The licence holder shall ensure that cover is applied and maintained on landfilled wastes in accordance with Table 3 and that sufficient stockpiles of cover are maintained on site at all times.

Table 3: Cover requirements

Waste Type	Material	Depth	Timescales
Putrescible wastes	Type 1 Inert Waste or Clean Fill	150 mm	By the end of the working day in which the waste was deposited.
		1000 mm	Within 3 months of achieving final waste contours.
Inert Waste Type 1	No cover required		
Inert Waste Type 2 (Tyres)	Type 1 Inert Waste or Clean Fill	500 mm	Each batch of 100 tyres covered as soon as practicable after deposition.
Special Waste Type 1 (Asbestos)	Type 1 Inert Waste or Clean Fill	300 mm	As soon as practicable after deposition and prior to compaction.
		1000 mm	By the end of the working day in which the waste was deposited.
Special Waste Type 2 (Clinical Waste)	Type 1 Inert Waste or Clean Fill	1000 mm	Immediately after deposition.

6. 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; and
 - (c) undertake regular inspections of all security measures and repair damage as soon as practicable.
7. The licence holder shall maintain a sign at the entrance to the premises which clearly displays the following information:
 - (a) hours of operation;
 - (b) a contact number for information and complaints or notification of fires;
 - (c) a list of materials that are accepted at the premises and the location of where they can be deposited on the premises;
 - (d) types of wastes not accepted by the premises and a contact number for alternative disposal options; and
 - (e) a warning, indication penalties for people lighting fires.

8. The licence holder shall take all reasonable and practical measures to ensure that no wind-blown waste escapes from the Premises and that wind-blown waste is collected on at least a monthly basis and returned to the tipping area.
9. The licence holder shall immediately recover or remove and dispose of spills of environmentally hazardous materials including fuel, oil, or other hydrocarbons, whether inside or outside of an engineered containment system.
10. The licence holder shall employ and maintain earthen bunds and stormwater drains at the Premises to ensure that uncontaminated stormwater runoff does not come into contact with waste on the premises.

Monitoring

11. 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.
12. 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.
13. 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	Clean Fill	Tonnes (where a weighbridge is present at the premises) m ³ (where no weighbridge is present)	N/A	Each load arriving at the premises
	Inert Waste Type 1			
	Inert Waste Type 2 (Tyres)			
	Putrescible Waste (including green waste)			
	Special Waste Type 1 (Asbestos)			
	Special Waste Type 2 (Clinical Waste)			
	Contaminated solid waste			
	Liquid waste			
Waste Outputs	Waste type as defined by the <i>Landfill Waste Classification and Waste Definitions 1996</i>			Each load rejected from the premises

Records and reporting

- 14.** 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.
- 15.** The licence holder shall ensure that the parameters listed in Table 5 are reported to the CEO in accordance with the notification requirements of the table.

Table 5: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement ¹	Format or form ²
-	Any failure or malfunction of any pollution control equipment or any incident, which has caused, is causing or may cause pollution	Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable	N1
-	The date, time, cause and location of any unauthorised fire on the premises	Within fourteen (14) days of a fire	In writing
Condition 3 Table 2	Construction of a new landfill trench	Notify the CEO thirty (30) days prior to the construction of a new landfill trench	In writing

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

- 16.** 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.

- 17.** 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) a register of Inert Waste Type 1 (Tyres), Special Waste Type 1 (Asbestos) and Special Waste Type 2 (Clinical Waste) disposed of at the premises which shall include a plan showing the location of burial of the wastes;
 - (c) monitoring programmes undertaken in accordance with condition 13 of this licence;
 - (d) complaints received under condition 14 of this licence; and
 - (e) any notification requirements reported to the CEO in accordance with condition 15.
- 18.** The books specified under condition 17 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.

Definitions

In this licence, the terms in Table 6 have the meanings defined.

Table 6: Definitions

Term	Definition
ACN	Australian Company Number
AHD	means the 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	a 12 month period commencing from 1 November until 31 October of the immediately following year.
approved form	means the Annual Audit Compliance Report (AACR) form template approved by the CEO for use and available via DWER's external website.
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
asbestos fibres	has the meaning defined in the Guidelines for Assessment, Remediation and Management of Asbestos Contaminated Sites, Western Australia (DOH, 2009)
books	has the same meaning given to that term under the EP Act.
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
clean fill	has the meaning defined in Landfill Definitions
Clinical Waste	has the meaning defined in Landfill Definitions
condition	a condition to which the licence is subject under section 62 of the <i>Environmental Protection Act 1986</i>
Contaminated Solid Waste	means contaminated solid waste meeting the Acceptance Criteria for Class II landfills, as specified in the Landfill Definitions
controlled waste	has the definition in <i>Environmental Protection (Controlled Waste) Regulations 2004</i>
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 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
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)

Term	Definition
green waste	means waste that originates from untreated trees or plants
Inert Waste Type 1	has the meaning defined in Landfill Definitions
Inert Waste Type 2 (Tyres)	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.
monthly period	means a one-month period commencing from day 1 of a month until the final day of that same month.
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.
putrescible	has the meaning defined in Landfill Definitions
Special Waste Type 1 (Asbestos)	has the meaning defined in Landfill Definitions
Special Waste Type 2 (Clinical Waste)	has the meaning defined in Landfill Definitions
spot sample	means a discrete sample representative at the time and place at which the sample is taken
usual working day	means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia
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

L8603/2011/2 (Licence issued: 29 January 2024)

IR-T06 Licence template (v7.0) (February 2020)

Landfill Area Map

The area in which landfill trench construction is permitted is shown in the map below (Figure 2).

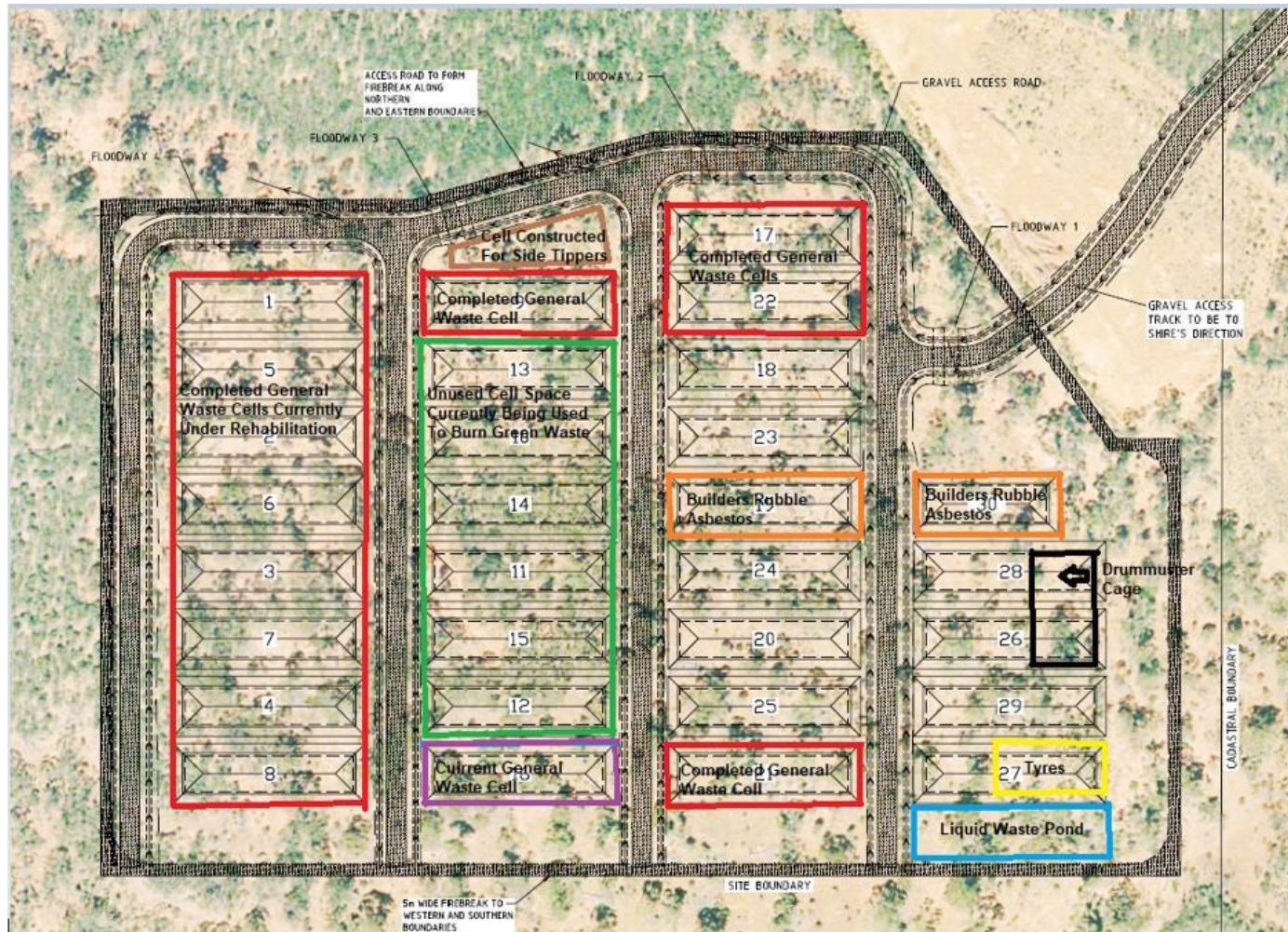


Figure 2: Current landfill layout and conceptual design within premise

L8603/2011/2 (Licence issued: 29 January 2024)

IR-T06 Licence template (v7.0) (February 2020)