



Licence

Environmental Protection Act 1986, Part V

Licensee: Tambo Nominees Pty Ltd

Licence: L8906/2015/1

Registered office: c/o- Pembertown Accounting Pty Ltd
Unit 1C/11 Station Street
COTTESLOE WA 6011

ACN: 008 838 506

Premises address: TSR Tammin (Tambo Nominees trading as Tyre Storage & Recovery WA)
Lot 12967 on Plan 132424, Yorkrakine Road
TAMMIN WA 6409 (as depicted in Schedule 1)

Issue date: Thursday, 01 October 2015

Commencement date: Monday, 05 October 2015

Expiry date: Monday, 02 July 2018

Prescribed premises category

Schedule 1 of the *Environmental Protection Regulations 1987*

| Category number | Category description | Category production or design capacity | Approved Premises production or design capacity |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------|
| 63 | Class I inert landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled "Landfill Waste Classification Definitions 1996" published by the Chief Executive Officer and as amended from time to time) is accepted for burial | 500 tonnes or more per year | 5 000 tonnes per annual period |

Conditions

This Licence is subject to the conditions set out in the attached pages.

Date signed: 1 October 2015

.....
Rebecca Kelly
Manager Licensing (Waste Industries)
Officer delegated under section 20
of the *Environmental Protection Act 1986*



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Introduction

This Introduction is not part of the Licence conditions.

DER's industry licensing role

The Department of Environment Regulation (DER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DER regulates to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

Licence requirements

This Licence is issued under Part V of the Act. Conditions contained within the Licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- *Environmental Protection (Unauthorised Discharges) Regulations 2004* – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- *Environmental Protection (Controlled Waste) Regulations 2004* - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- *Environmental Protection (Noise) Regulations 1997* – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.

You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.



Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.

Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

Premises description and Licence summary

TSR Tammin is located on Lot 12967, Yorkrakine Road, Tammin approximately 12km north of the Tammin townsite. The area is zoned agriculture under the Shire of Tammin Town Planning Scheme. The licensee advises that the nearest residential receptor is a farm house located 3km to the east, the nearest public drinking water source is a standpipe located 3.2 km southwest, and the nearest surface water is an ephemeral creek 400m west of the premises.

The licensee has described the area as being typical of the Wheatbelt area, with the premises being 64 hectares of undulating, well drained agriculture land comprising of sand over gravel over ironstone base. Exploratory drilling at the premises shows average depths of topsoil and gravel of 8 metres to impervious rock base with no groundwater present. Depth to groundwater could not be determined by on site sampling however the licensee estimates groundwater in the area is found deeper than 15m. The Shire of Tammin advises that the area receives an average annual rainfall of 350mm mainly in the winter months, and the Bureau of Meteorology estimates evaporation rates of 2000 to 2400mm per year. The premises contains six hectares of degraded native bushland which the licensee advises will not be cleared as part of operations at the premises.

The premises accepts baled tyres and whole tyres for burial at the premises. No shredded or cut tyres or any other waste types are permitted to be accepted or stored under this licence. Cells at the premises have previously been excavated to a size of 45m x 45m and a maximum depth of 8m. Tyre bales or whole tyres are received on site and immediately placed into cells, packed tightly and covered with a minimum of 500mm cover fill, followed by a final cover of 1meter. Tyre cells are required to be plotted and logged with GPS points for future recovery.

The main potential emission from this activity is smoke and contaminated fire water in the event of a tyre fire. Tyres are baled tightly and are required to be buried immediately to reduce the potential for fire. The licensee has advised the premises has a 2000 litre mobile fire unit and a 125,000 litre water tank connected to scheme water that runs down the boundary of the property. The licensee is also required to maintain firebreaks around the property, and implement security measures to prevent unauthorised access.

This Licence is for the operation of a new facility established under works approval W5336/2012/1

The licences and works approvals issued for the Premises since 14/03/2015 are:

| Instrument log | | |
|----------------|------------|--------------------|
| Instrument | Issued | Description |
| W5336/2012/1 | 14/03/2015 | New Works Approval |
| L8906/2015/1 | TBA | New Licence |

Severance



It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

END OF INTRODUCTION

Licence conditions

1 General

1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

'Act' means the *Environmental Protection Act 1986*;

'annual period' means the inclusive period from 1 July until 30 June in the following year;

'averaging period' means the time over which a limit is measured or a monitoring result is obtained;

'CEO' means Chief Executive Officer of the Department of Environment Regulation;

'CEO' for the purpose of correspondence means;

Chief Executive Officer
Department Administering the Environmental Protection Act 1986
Locked Bag 33
CLOISTERS SQUARE WA 6850
Email: info@der.wa.gov.au

'controlled waste' has the definition in *Environmental Protection (Controlled Waste) Regulations 2004*;

'Licence' means this Licence numbered L8906/2015/1 and issued under the Act;

'Licensee' means the person or organisation named as Licensee on page 1 of the Licence;

'Premises' means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

'Schedule 1' means Schedule 1 of this Licence unless otherwise stated;

'Schedule 2' means Schedule 2 of this Licence unless otherwise stated;

'usual working day' means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia;

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the the standard in force from time to time during the term of this Licence.



- 1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.
- 1.1.5 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
- pollution;
 - unreasonable emission;
 - discharge of waste in circumstances likely to cause pollution; or
 - being contrary to any written law.

1.2 General conditions

- 1.2.1 The Licensee shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
- 1.2.2 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

1.3 Premises operation

- 1.3.1 The Licensee shall only accept waste on to the Premises if:
- it is of a type listed in Table 1.3.1; and
 - the quantity accepted is below any quantity limit listed in Table 1.3.1; and
 - it meets any specification listed in Table 1.3.1.

Table 1.3.1: Waste acceptance

| Waste type | Quantity limit | Specification ¹ |
|--------------------|--------------------------------|---------------------------------|
| Inert Waste Type 2 | 5,000 tonnes per annual period | Tyre bales or whole tyres only. |

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

Note 2: Information relating to the classification of radioactive waste can be found in the Western Australian Radiation Safety Act 1975

- 1.3.2 The Licensee shall ensure that where waste does not meet the waste acceptance criteria set out in condition 1.3.1 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.
- 1.3.3 The Licensee shall ensure that wastes accepted onto the Premises are only subjected to the process(es) set out in Table 1.3.2 and in accordance with any process limits described in that Table.

Table 1.3.2: Waste processing

| Waste type | Process(es) | Process limits ² |
|--------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inert Waste Type 2 | Acceptance and storage prior to disposal | <ul style="list-style-type: none">All unburied waste shall be removed from the premises by the end of the working day.No waste shall be temporarily stored beyond within 15 metres of the boundary of the premises. |
| | Disposal of waste by landfilling | <ul style="list-style-type: none">Wastes shall be disposed of in a defined trench and within an area enclosed by earthen bundsNo waste shall be landfilled within 15 metres of the boundary of the premises.The separation distance between the base of the landfill and the highest groundwater level shall not be less than 3m.The separation distance between any existing or |



Table 1.3.2: Waste processing

| Waste type | Process(es) | Process limits ² |
|------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>new tipping areas and any naturally occurring surface water body shall not be less than 100 metres.</p> <ul style="list-style-type: none"> Tyres bales and whole tyres shall be separated from each other by at least 500mm of cover material. |

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*.

1.3.4 The Licensee shall ensure that cover is applied and maintained on landfilled wastes in accordance with Table 1.3.4 and that sufficient stockpiles of cover are maintained on site at all times.

Table 1.3.4: Cover requirements¹

| Waste Type | Material | Depth | Timescales |
|--------------------|----------|---------|-------------------------------------------------------------|
| Inert Waste Type 2 | Soil | 100 mm | Within 24 hours of the waste being deposited |
| | | 1000 mm | Final cover after completion of waste disposal in each cell |

Note 1: Additional requirements for the covering of tyres are set out in Part 6 of the *Environmental Protection Regulations 1987*.

1.3.5 The Licensee shall implement the following security measures at the site:

- erect and maintain suitable fencing to prevent unauthorised access to the site; and
- ensure that any entrance gates to the premises are securely locked when the premises are unattended; and
- undertake regular inspections of all security measures and repair damage as soon as practicable.

2 Monitoring

2.1 Monitoring of inputs and outputs

2.1.1 The Licensee shall undertake the monitoring in Table 2.1.1 according to the specifications in that table.

Table 2.1.1: Monitoring of inputs and outputs

| Input/Output | Parameter | Units | Averaging period | Frequency |
|---------------|---------------------------------------------------|--------------------------------------|------------------|-------------------------------------------------|
| Waste Inputs | Inert Waste Type 2 | m ³ and estimated tonnage | N/A | Each load arriving at the premises |
| Waste Outputs | Waste type as defined in the Landfill Definitions | | | Each load leaving or rejected from the Premises |



3 Information

3.1 Records

- 3.1.1 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 3.1.1(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
 - (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.
- 3.1.2 The Licensee shall ensure that:
- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
 - (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.
- 3.1.3 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee 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.
- 3.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

3.2. Reporting

- 3.2.1 The Licensee 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 3.2.1 in the format or form specified in that table.

| Table 3.2.1: Annual Environmental Report | | |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Condition or table (if relevant) | Parameter | Format or form ¹ |
| - | 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 |
| 2.1.1 | Monitoring of inputs and outputs | None specified |
| 3.1.3 | Compliance | Annual Audit Compliance Report (AACR) |
| 3.1.4 | Complaints summary | None specified |

Note 1: Forms are in Schedule 2

3.3. Notification

- 3.3.1 The Licensee shall ensure that the parameters listed in Table 3.3.1 are notified to the CEO in accordance with the notification requirements of the table.



| Table 3.3.1: Notification requirements | | | |
|----------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Condition or table (if relevant) | Parameter | Notification requirement ¹ | Format or form ² |
| - | 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



Schedule 1: Maps

Premises map

The Premises is shown in the map below. The pink line depicts the Premises boundary.





Schedule 2: Reporting & notification forms

These forms are provided for the proponent to report monitoring and other data required by the Licence. They can be requested in an electronic format.

ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

SECTION A LICENCE DETAILS

| | |
|-----------------------------------------|----------------------|
| Licence Number: | Licence File Number: |
| Company Name: Trading as: | ABN: |
| Reporting period: _____ to _____ | |

STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

1. Were all conditions of the Licence complied with within the reporting period? (please tick the appropriate box)

Yes ☐ Please proceed to Section C

No ☐ Please proceed to Section B

Each page must be initialled by the person(s) who signs Section C of this Annual Audit Compliance Report (AACR).

Initial:



SECTION B

DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

Please use a separate page for each Licence condition that was not complied with.

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| a) Licence condition not complied with: | |
| | |
| b) Date(s) when the non compliance occurred, if applicable: | |
| | |
| c) Was this non compliance reported to DER?: | |
| <input type="checkbox"/> Yes <input type="checkbox"/> Reported to DER verbally Date _____ <input type="checkbox"/> Reported to DER in writing Date _____ | <input type="checkbox"/> No |
| d) Has DER taken, or finalised any action in relation to the non compliance?: | |
| | |
| e) Summary of particulars of the non compliance, and what was the environmental impact: | |
| | |
| f) If relevant, the precise location where the non compliance occurred (attach map or diagram): | |
| | |
| g) Cause of non compliance: | |
| | |
| h) Action taken, or that will be taken to mitigate any adverse effects of the non compliance: | |
| | |
| i) Action taken or that will be taken to prevent recurrence of the non compliance: | |
| | |

Each page must be initialled by the person(s) who signs Section C of this AACR

Initial:



SECTION C

SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report (AACR) may only be signed by a person(s) with legal authority to sign it. The ways in which the AACR must be signed and certified, and the people who may sign the statement, are set out below.

Please tick the box next to the category that describes how this AACR is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

| If the licence holder is | | The Annual Audit Compliance Report must be signed and certified: |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| An individual | <input type="checkbox"/> <input type="checkbox"/> | by the individual licence holder, or by a person approved in writing by the Chief Executive Officer of the Department of Environment Regulation to sign on the licensee's behalf. |
| A firm or other unincorporated company | <input type="checkbox"/> <input type="checkbox"/> | by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation. |
| A corporation | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | by affixing the common seal of the licensee in accordance with the <i>Corporations Act 2001</i> ; or by two directors of the licensee; or by a director and a company secretary of the licensee, or if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation. |
| A public authority (other than a local government) | <input type="checkbox"/> <input type="checkbox"/> | by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation. |
| a local government | <input type="checkbox"/> <input type="checkbox"/> | by the chief executive officer of the licensee; or by affixing the seal of the local government. |

It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular. There is a maximum penalty of \$50,000 for an individual or body corporate.

I/We declare that the information in this annual audit compliance report is correct and not false or misleading in a material particular.

SIGNATURE: _____

NAME:
(printed) _____

POSITION: _____

DATE: ____/____/____

SEAL (if signing under seal)

SIGNATURE: _____

NAME:
(printed) _____

POSITION: _____

DATE: ____/____/____



Licence: L8906/2015/1
Form: N1

Licensee: Tambo Nominees Pty Ltd
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 Tambo Nominees Pty Ltd | |
| Date | |



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Tambo Nominees Pty Ltd

Licence: L8906/2015/1

Registered office: c/o- Pembertown Accounting Pty Ltd
Unit 1C/11 Station Street
COTTESLOE WA 6011

ACN: 008 838 506

Premises address: TSR Tammin (Tambo Nominees trading as Tyre Storage & Recovery WA)
Lot 12967 on Plan 132424, Yorkrakine Road
TAMMIN WA 6409

Issue date: Thursday, 01 October 2015

Commencement date: Monday, 05 October 2015

Expiry date: Monday, 02 July 2018

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER), has decided to issue a Licence. DER considers that in reaching this decision, it has taken into account all relevant considerations.

Decision Document prepared by: Melissa Chamberlain
Licensing Officer

Decision Document authorised by: Rebecca Kelly
Delegated Officer



Contents

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1 Purpose of this Document

This decision document explains how DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.

2 Administrative summary

| Administrative details | | |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Application type | Works Approval <input type="checkbox"/> New Licence <input checked="" type="checkbox"/> Licence amendment <input type="checkbox"/> Works Approval amendment <input type="checkbox"/> | |
| Activities that cause the premises to become prescribed premises | Category number(s) | Assessed design capacity |
| | 63 | 5000 tonnes per annual period |
| Application verified | Date: 04/08/2015 | |
| Application fee paid | Date: 10/08/2015 | |
| Works Approval has been complied with | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> | |
| Compliance Certificate received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> | |
| Commercial-in-confidence claim | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Commercial-in-confidence claim outcome | | |
| Is the proposal a Major Resource Project? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/> |



| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Is the proposal subject to Ministerial Conditions? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Ministerial statement No: EPA Report No: |
| Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Department of Water consulted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Is the Premises within an Environmental Protection Policy (EPP) Area Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Environmental Protection (South West Agricultural Zone) Policy 1998 | | |
| Is the Premises subject to any EPP requirements? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | |

3 Executive summary of proposal and assessment

TSR Tammin is located on Lot 12967, Yorkrakine Road, Tammin approximately 12km north of the Tammin townsite. The area is zoned agriculture under the Shire of Tammin Town Planning Scheme. The licensee advises that the nearest residential receptor is a farm house located 3km to the east, the nearest public drinking water source is a standpipe located 3.2 km southwest, and the nearest surface water is an ephemeral creek 400m west of the premises.

The licensee has described the area as being typical of the Wheatbelt area, with the premises being 64 hectares of undulating, well drained agriculture land comprising of sand over gravel over ironstone base. Exploratory drilling at the premises shows average depths of topsoil and gravel of 8 metres to impervious rock base with no groundwater present. Depth to groundwater could not be determined by on site sampling, however the licensee estimates groundwater in the area is found deeper than 15m. The Shire of Tammin advises that the area receives an average annual rainfall of 350mm mainly in the winter months, and the Bureau of Meteorology estimates evaporation rates of 2000 to 2400mm per year. The premises contains six hectares of degraded native bushland which the licensee advises will not be cleared as part of operations at the premises.

The premises accepts baled tyres and whole tyres for burial at the premises. No shredded or cut tyres or any other waste types are permitted to be accepted or stored under this licence. Cells at the premises have previously been excavated to a size of 45m x 45m and a maximum depth of 8m. Tyre bales or whole tyres are received on site and immediately placed into cells, packed tightly and covered with a minimum of 500mm cover fill, followed by a final cover of 1meter. Tyre cells are required to be plotted and logged with GPS points for future recovery.

The main potential emission from this activity is smoke and contaminated fire water in the event of a tyre fire. Tyres are baled tightly and are required to be buried immediately to reduce the potential for fire. The licensee has advised the premises has a 2000 litre mobile fire unit and a 125,000 litre water tank connected to scheme water that runs down the boundary of the property. The licensee is also required to maintain firebreaks around the property, and implement security measures to prevent unauthorised access.

This Licence is for the operation of a new facility established under works approval W5336/2012/1



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, the *Environmental Protection Regulations 1987* and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

| DECISION TABLE | | | |
|----------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Works Approval / Licence section | Condition number W = Works Approval L = Licence | Justification (including risk description & decision methodology where relevant) | Reference documents |
| Premises operation | L 1.3.1 – 1.3.5 | <p>Condition 1.3.1 specifies the type of waste that can be accepted on site (Tyre bales or whole tyres only), and specifies the quantity limit of 5,000 tonnes per annual period.</p> <p>Condition 1.3.2 specifies that where waste does not meet this criteria it is removed from the premises.</p> <p>Condition 1.3.3 specifies processcontrols for the acceptance and storage of waste both prior to disposal (receipt and storage) and during disposal.</p> <p>Condition 1.3.4 specifies the cover requirements of the waste.</p> <p>Condition 1.3.5 specifies the requirement to erect and maintain suitable fencing, securely locked gates and ensure these are regularly inspected.</p> | <p>Application supporting documentation</p> |
| Fugitive emissions | N/A | <p><u>Emission Description</u></p> <p><i>Emission:</i> Dust emissions from activities on the premises such as driving vehicles and movement of soil cover</p> <p><i>Impact:</i> Dust can negatively impact on the health, welfare and amenity of those on nearby properties as well as flora and fauna. The nearest sensitive receptor is located 3km to the east of the premises.</p> <p><i>Controls:</i> Excavation will occur in stages to avoid excessive movement of soil cover. Topsoil will be moved directly onto areas of rehabilitation or stored in piles 0.5m high. Haul roads and hardstand surfaces will be maintained in good condition at all times, road trucks will be in clean condition. Should excessive dust be generated the</p> | <p>Application supporting documentation</p> <p>General provisions of the <i>Environmental Protection Act 1986</i></p> |



| DECISION TABLE | | | |
|----------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Works Approval / Licence section | Condition number W = Works Approval L= Licence | Justification (including risk description & decision methodology where relevant) | Reference documents |
| | | <p>proponent will cease dust generating activities until conditions improve.</p> <p><u>Risk Assessment</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Possible <i>Risk Rating:</i> Moderate</p> <p><u>Regulatory Controls</u> Fugitive emissions are sufficiently regulated under the general provisions of the <i>Environmental Protection Act 1986</i> and therefore no conditions will be placed on the licence.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Minor <i>Likelihood:</i> Possible <i>Risk Rating:</i> Moderate</p> | |
| Odour | N/A | <p>As the premises is only accepting inert waste type 2 no odour is expected to be generated at the premises.</p> <p>Any potential odour emissions can be appropriately managed under the <i>Environmental Protection Act 1986</i> and therefore no specific conditions are required in the licence.</p> | General provisions of the <i>Environmental Protection Act 1986</i> |
| Noise | N/A | <p><u>Emission Description</u> <i>Emission:</i> Noise from vehicle activity on the premises and unloading of tyre bales. <i>Impact:</i> Noise can cause a nuisance for people on nearby premises. The nearest sensitive receptor is 3km to the east. <i>Controls:</i> The licensee proposes to create natural noise attenuating barriers from overburden piles, maintain all equipment in good working order, showing down equipment when not in use.</p> | Application supporting documentation General provisions of the <i>Environmental Protection Act</i> |



| DECISION TABLE | | | |
|----------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Works Approval / Licence section | Condition number W = Works Approval L= Licence | Justification (including risk description & decision methodology where relevant) | Reference documents |
| | | <p><u>Risk Assessment</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> <p><u>Regulatory Controls</u> Potential noise emissions are adequately regulated by the general provisions of the <i>Environmental Protection Act 1986</i> and the <i>Environmental Protection (Noise) Regulations 1997</i>.</p> <p><u>Residual Risk</u> <i>Consequence:</i> Insignificant <i>Likelihood:</i> Unlikely <i>Risk Rating:</i> Low</p> | <p>1986</p> <p><i>Environmental Protection (Noise) Regulations 1997.</i></p> |
| Monitoring of inputs and outputs | L2.1.1 | Condition 2.1.1 has been included to monitor compliance with acceptance condition 1.3.1 | N/A |
| Information | L3.1.1-3.3.1 | Conditions 3.1.1 to 3.3.1 specify the records that must be kept by the licensee as well as the reporting and notification requirements. | N/A |
| Licence Duration | N/A | The Shire of Tammin have issued planning approval until the 02 July 2018 after which the licensee will need to reapply for approval. Taking this into consideration the licence will be issued for a period of just under 3 years to expire 02 July 2018 to coincide with the need to review Shire of Tammin planning approvals. | Guidance Statement: Licence Duration , Department of Environment Regulation, May 2015. |



5 Advertisement and consultation table

| Date | Event | Comments received/Notes | How comments were taken into consideration |
|------------|-------------------------------------------|-------------------------|--------------------------------------------|
| 17/08/2015 | Application advertised in West Australian | No comments received | N/A |
| 12/08/2015 | Application referred to Shire of Tammin | No comments received | N/A |
| 24/09/2015 | Proponent sent a copy of draft instrument | No comments received | N/A |



6 Risk Assessment

Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management

Table 1: Emissions Risk Matrix

| Likelihood | Consequence | | | | |
|----------------|---------------|----------|----------|----------|---------|
| | Insignificant | Minor | Moderate | Major | Severe |
| Almost Certain | Moderate | High | High | Extreme | Extreme |
| Likely | Moderate | Moderate | High | High | Extreme |
| Possible | Low | Moderate | Moderate | High | Extreme |
| Unlikely | Low | Moderate | Moderate | Moderate | High |
| Rare | Low | Low | Moderate | Moderate | High |