

# Licence

## Environmental Protection Act 1986, Part V

**Licensee:** Jason Leigh Draper and Lisa Diane Draper

Licence: L8241/2008/2

| Registered office: | 278 Old Elleker Road<br>GLEDHOW<br>WA 6330  |
|--------------------|---|
| ACN:               | Not applicable  |
| Premises address:  | WA Tyre Recovery<br>Leased Units 13 and 14, 17-47 Lower Denmark Rd<br>MOUNT ELPHINSTONE<br>WA 6330<br>Being part of Lot 9 on Diagram 99401 as depicted in Schedule 1. |
| Issue date:        | Thursday 9 May 2013   |
| Commencement date: | Wednesday 29 May 2013   |
| Expiry date:       | Monday 28 May 2028  |

## Prescribed premises category

Schedule 1 of the Environmental Protection Regulations 1987

| Category<br>number | Category description   | Category<br>production or<br>design capacity | Approved Premises<br>production or design<br>capacity |
|--------------------|--|--|---|
| 57                 | Used tyre storage (general): premises<br>(other than premises within category 56)<br>on which used tyres are stored. | 100 tyres or more                            | 2 500 tyres   |

### Conditions

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

Date signed: 1 March 2017

Stephen Checker MANAGER LICENSING (WASTE INDUSTRIES) Officer delegated under section 20 of the *Environmental Protection Act 1986* 



## Contents

| Licence            | 1 |
|--------------------|---|
| Contents           | 2 |
| Introduction       | 2 |
| Licence conditions | 4 |
| 1 General          | 4 |
| 2 Information      | 5 |
| Schedule 1: Maps   | 7 |
|                    |   |

## 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

Jason Leigh Draper and Lisa Diane Draper (the Occupier) operate a tyre storage & transport business from their leased shed area on Lot 9. Waste tyres are stored inside Units 13 and 14 (the Premises). Unit 15 is also leased by the Occupier to store the mobile baling machine.

Waste (used) tyres are picked up by the Occupier (Controlled Waste licence T00422) from a range of locations including Esperance, Ongerup, Gnowangerup, Wagin, Kojonup, Denmark, Collie, Manjimup and Albany. As tyres are arriving at the Premises constantly through the week, a mobile tyre baler located on site is used to bale tyres in approximately one tonne bales as soon as enough tyres are available. The quantity of tyres in one bale is highly variable; but estimated by the Occupier to be in the region of 60 - 70 tyres. This limits the storage of unbaled tyres to no more than 100 tyres at a time. Both baled and unbaled tyres are stacked and stored inside the shed. There is no specialised fire water catchment (bunded) area within the shed; however the baled tyres have negligible likelihood of ignition and there are very few unbaled tyres at any one time.

During busy periods, a transport contractor picks up a 25 tonne load of tyre bales, or 25 - 30 bales which could contain up to 2 500 tyres in a road train. In quiet times this occurs less frequently. In most cases all tyre bales on site are loaded directly into containers on the road train where they stay through the export process.

### Environmental risks

There are no direct or point source emissions or discharges to the environment associated with the day to day operations at the Premises. The Delegated Officer considers the risk of fugitive emissions of noise, dust or odour from the Premises to be negligible however, there is a risk to the environment in the unlikely event of the tyres catching fire (toxic smoke emissions and potential soil and groundwater contamination through the escape of molten tyres or contaminated fire suppression water).

#### Licence amendment

This Licence is the result of an application for a transfer of occupier details received from Jason Leigh Draper and Lisa Diane Draper in December 2016. The Delegated Officer has initiated some minor and administrative updates to the Licence at the same time as processing the transfer of occupier details. The accompanying Decision Document provides explanation for all changes and the environmental risk context for the Licence conditions.

The licences and works approvals issued for the Premises since 29/05/2008 are:

| Instrument log |            |                 |
|----------------|------------|-----------------|
| Instrument     | Issued     | Description     |
| L8241/2008/1   | 29/05/2008 | New application |



| L8241/2008/1 | 15/03/2012 | Licence amendment   |
|--------------|------------|---|
| L8241/2008/2 | 9/05/2013  | Licence re-issue  |
| L8241/2008/2 | 19/05/2016 | Licence amendment to correct administrative errors and extend expiry date to 2028 |
| L8241/2008/2 | 1/03/2017  | Transfer of Licensee and updates to licence conditions,                           |
|              |            | including revised risk assessment   |

## 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;

'Anniversary Date' means 31 March of each year;

**'Annual Audit Compliance Report'** means a report in a format approved by the CEO as presented by the Licensee or as specified by the CEO from time to time and published on the Department's website;

'Annual Period' means the inclusive period from 1 April until 31 March in the following year;

**'Combustible Material'** means any material that is capable of readily catching fire if heated or otherwise exposed to an external flame and which is further capable of burning easily;

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

'CEO' for the purpose of correspondence means;

Chief Executive Officer Department Div.3 Pt.V EP Act 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;



**'Department'** means the department established under s.35 of the *Public Sector Management Act 1994* and designated as responsible for the administration of Division 3 Part V of the *Environmental Protection Act 1986*;

'Fire Water' means water that, in the event of a fire, has been used to extinguish a fire and all materials and combustion products dissolved or suspended within such water and includes other fire suppressant substances such as foams;

'Licence' means this Licence numbered L8241/2008/2 and issued under the Act;

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

'Loose Tyres' means tyres which have not been baled or cut with treads removed;

'Non-combustible Material' means material that is not Combustible Material;

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

'Waste' has the meaning defined in the Environmental Protection Act 1986.

## 1.2 Premises operation

- 1.2.1 The Licensee must ensure that individual tyre stacks do not exceed:
  - (a) 30 square metres  $(30 \text{ m}^2)$  in area; and
  - (b) 3.7 metres in height.
- 1.2.2 The Licensee must ensure that tyres stacks are:
  - (a) stacked no less than 1 metre from the roof or any structures attached to the roof, including light fixtures and sprinkler heads; and
  - (b) separated by a distance of at least 3 metres from each other.
- 1.2.3 The Licensee must ensure that tyre stacks do not obscure fire protection equipment (including fire hydrants and fire hoses) or any related signage.
- 1.2.4 The Licensee must ensure that:
  - (a) no more than 100 Loose Tyres are to be stored on site at any time; and
  - (b) all tyres are stacked on their sides or baled together with a securing device made from Non-combustible Material.
- 1.2.5 The Licensee must, without any undue delay following the extinguishing of a fire, ensure that all Fire Water and contaminated soil is removed from the Premises.

## 2 Information

## 2.1 Records

- 2.1.1 All information and records required by the Licence must:
  - (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 2.1.1(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.
- 2.1.2 The Licensee must maintain records of Waste inputs in accordance with the specifications in Table 2.1.1.

| Table 2.1.1: Record of inputs |                             |                  |   |  |
|-------------------------------|-----------------------------|------------------|---|--|
| Input/output                  | Parameter                   | Averaging period | Frequency                                       |  |
| Used tyres                    | Number of tyres<br>received | Annual Period    | Continuous (each load arriving at the Premises) |  |

- 2.1.3 The Licensee must submit to the CEO within 90 days after the Anniversary Date, an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the Conditions in this Licence for the Annual Period.
- 2.1.4 The Licensee must:
  - (a) If requested from time to time, provide the CEO with reports or information relating to Premises operation or any Condition in this Licence;
  - (b) Ensure that reports or information are provided in such a form as the CEO may require in the CEO Request; and
  - (c) Comply within fourteen days of the CEO Request from the date of the CEO Request or such other period as specified in the CEO Request.

## 2.2 Notification

2.2.1 The Licensee must ensure that the parameters listed in Table 2.2.1 are notified to the CEO in accordance with the notification requirements of the table.

| Table 2.2.1: N                         | Table 2.2.1: Notification requirements |                            |                                |  |  |  |
|--|--|----------------------------|--------------------------------|--|--|--|
| Condition<br>or table<br>(if relevant) | Parameter                              | Notification requirement   | Format<br>or form <sup>1</sup> |  |  |  |
| N/A                                    | Any fire on the Premises               | As soon as becoming aware. | Verbal                         |  |  |  |



## Schedule 1: Maps

## Premises map

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



Amendment date: 1 March 2017



# **Decision Document**

## Environmental Protection Act 1986, Part V

| Licensee:          | Jason Leigh Draper and Lisa Diane Draper   |
|--------------------|--|
| Licence:           | L8241/2008/2   |
| Registered office: | 278 Old Elleker Road<br>GLEDHOW<br>WA 6330   |
| ACN:               | Not applicable   |
| Premises address:  | WA. Tyre Recovery<br>Leased Units 13 and 14, 17-47 Lower Denmark Rd<br>MOUNT ELPHINSTONE<br>WA 6330<br>Being part of Lot 9 on Diagram 99401 as depicted in Schedule 1. |
| Issue date:        | Thursday, 9 May 2013   |
| Commencement date: | Wednesday 29 May 2013  |
| Date of Amendment: | Wednesday 1 March 2017   |
| Expiry date:       | Monday 28 May 2028   |

### Decision

Based on the assessment detailed in this document, the Delegated Officer has decided to issue an amended licence. The Delegated Officer considers that in reaching this decision, they have taken into account all relevant considerations and legal requirements and that the Licence and its conditions will ensure that an appropriate level of environmental protection is provided.

Decision Document prepared by: Cassie Bell Licensing Officer Decision Document authorised by: Stephen Checker Delegated Officer



## Contents

| Decision Document                                     | 1  |
|---|----|
| Contents  | 2  |
| 1 Purpose of this Document                            | 2  |
| 2 Administrative summary                              | 3  |
| 3 Executive summary of proposal and assessment        | 4  |
| 4 Decision table                                      | 6  |
| 5 Advertisement and consultation table                | 9  |
| 6 Risk Assessment                                     | 10 |
| Appendix A - Detailed environmental risk assessment   | 11 |
| Appendix B – Previous version of Licence L8241/2008/2 | 14 |

## 1 Purpose of this Document

This Decision Document explains how the Chief Executive Officer's (CEO) Delegate has assessed and determined the application and provides a record of the CEO Delegate's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this Decision Document is limited to the CEO Delegate'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 Approva<br>Licence amend<br>Works Approva   |                 |                    | -       | ent  |
| Activities that cause the premises to become prescribed premises   |                 | number(            |         | Assessed design<br>capacity  |
|  | 57              |                    |         | 2500 used tyres at any one time                                    |
| Application verified   | Date: 16/1      | 12/2016            |         |  |
| Application fee paid   | Date: 12/1      | 12/2016            |         |  |
| Works Approval has been complied with  | Yes             | No                 | N//     | $A \boxtimes$  |
| Compliance Certificate received  | Yes             | No                 | N//     | $A \boxtimes$  |
| Commercial-in-confidence claim   | Yes             | No⊠                |         |  |
| Commercial-in-confidence claim outcome   |                 |                    |         |  |
| Is the proposal a Major Resource Project?  | Yes             | No⊠                | _       |  |
| Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?                | Yes             | No⊠                | Mana    | erral decision No:<br>aged under Part V 🛛<br>essed under Part IV 🗍 |
|  |                 |                    |         | sterial statement No:  |
| Is the proposal subject to Ministerial Conditions?   | Yes             | No⊠                |         |  |
|  |                 | _                  | EPA     | Report No:   |
| Does the proposal involve a discharge of waste<br>into a designated area (as defined in section 57<br>of the <i>Environmental Protection Act 1986</i> )? | Yes<br>Departme | No⊠<br>ent of Wate | er cons | sulted Yes 🗌 No 🖾  |
| Is the Premises within an Environmental Protection   | n Policy (EP    | P) Area            | Yes     | No⊠  |
| Is the Premises subject to any EPP requirements?   | Yes             | No⊠                |         |  |



## 3 Executive summary of proposal and assessment

Jason Leigh Draper and Lisa Diane Draper (the Occupier) operate a tyre storage & transport business trading as WA Tyre Recovery from their leased shed area on Lot 9 on Diagram 99401, Lower Denmark Road . Waste tyres are stored inside Units 13 and 14 (the Premises). Unit 15 is also leased by the Occupier to store the mobile baling machine.

## **Operations**

Waste (used) tyres are picked up by the Occupier (Controlled Waste licence T00422) from a range of locations including Esperance, Ongerup, Gnowangerup, Wagin, Kojonup, Denmark, Collie, Manjimup and Albany. As tyres are arriving at the storage premises constantly through the week, a mobile tyre baler located on site is used to bale tyres in approximately one tonne bales as soon as enough tyres are available. The quantity of tyres in one bale is highly variable; but estimated by the Occupier to be in the region of 60 - 70 tyres. This limits the storage of unbaled tyres to no more than 100 tyres at a time. Both baled and unbaled tyres are stacked and stored inside the shed. There is no specialised fire water catchment (bunded) area within the shed; however the likelihood of baled tyres igniting is expected to be under exceptional circumstances only and there are very few unbaled tyres at any one time.

During busy periods, a transport contractor picks up a 25 tonne load of tyre bales, or 25 - 30 bales which could contain up to 2 500 tyres in a road train. In quiet times this occurs less frequently. In most cases all tyre bales on site are loaded directly into containers on the road train where they stay through the export process.

### Environmental and social setting

The surrounding area to the north is zoned Industry under the local Town Planning Scheme, while 125m south of the site is zoned Rural. The closest human presence (Southway Distributors) is just 40m west of the walls of the WA Tyre Recovery Shed, while the nearest residences are within the rural zone approximately 280m south of the Premises.

The Premises is located approximately 750m northwest of the eastern shores of Princess Royal Harbour; however there are no known inland waterways adjacent to the facility. Approximately 1200m southwest of the Premises marks the boundary of the South Coast Water Reserve, a Priority 3 Public Drinking Water Source Area. There are no groundwater monitoring bores on the Premises. Department of Water data indicates some nearby bores ~200m northeast of the Premises at similar elevation encountered shallow groundwater between 1.4 – 1.6m below ground level historically.

State-wide hydrogeology mapping indicates that the area is characterised by rocks of low permeability, fractured and weathered rocks and local aquifers.

The elevation of the greater surrounds gradually decreases from 15m to 0m in a south-east direction towards Princess Royal Harbour. In a southwest direction the elevation increases from 15m to 50m at the peak of Mount Elphinstone, approximately 525m away.

The Premises is not near any Environmental Protection Policy areas or threatened flora or fauna. Approximately 250m southwest of the Premises is a mythological Aboriginal Site of Significance: the "Frenchman Bay Road Camp".

### Environmental risks

There are no direct or point source emissions or discharges to the environment associated with the day to day operations at the Premises. Delegated Officer considers that emission risk associated with fugitive emissions of noise, dust or odour from the Premises is not



foreseeable due to the nature of the activities. There is a risk to the environment in the rare event of the tyres catching fire (toxic smoke emissions and potential soil and groundwater contamination through the escape of molten tyres or fire suppression water).

## Licence amendment

This Decision Document is the result of an application for a transfer of occupier details received from Jason Leigh Draper and Lisa Diane Draper in December 2016. The Occupier details have therefore been updated on the front page of the Licence and this Decision Document.

The Delegated Officer has also initiated some minor and administrative updates to the Licence at the same time as processing the transfer of occupier details. The Decision Table below provides explanation for all amendments and the environmental risk context for the Licence conditions.

A copy of the previous version of the licence is attached in Appendix B for reference to previous conditions.



## 4 Decision table

The overarching legislative framework of this assessment is the *Environmental Protection Act 1986* (EP Act) and the *Environmental Protection Regulations 1987* (EP Regulations). DER Guidance Statements which inform the assessment in accordance with the legislation include:

DER Guidance Statement: Regulatory Principles (July 2015)

DER Guidance Statement: Setting Conditions (October 2015)

DER Guidance Statement: Land Use Planning (October 2015)

DER Guidance Statement: Licence Duration (November 2015)

DER Guidance Statement: Environmental Siting (November 2016)

DER Guidance Statement: Decision Making (November 2016)

DER Guidance Statement: Risk Assessments (November 2016)

Where other references have been used in making the decision they are detailed in the Decision Document.

| <b>DECISION TABL</b>                      | E   |   |                        |
|---|---|---|------------------------|
| Works<br>Approval /<br>Licence<br>section | Condition<br>number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)  | Reference<br>documents |
| Interpretation                            | L1.1.1 – 1.1.2  | Conditions $1.1.1 - 1.1.2$ have been included on the licence as part of the amendment to provide clarification on what is meant by the terms in the licence. Definitions have been provided for clarity, and updated as part of the current amendment where appropriate.<br><i>Amendment notes:</i><br><i>Conditions</i> $1.1.1 - 1.1.2$ <i>are retained from the previous version of the licence without change.</i><br><i>Condition</i> $1.1.3$ <i>has been removed from the Licence because it refers to standards in the Licence.</i> |                        |



| DECISION TAE                              |   |   |  |
|---|---|---|--|
| Works<br>Approval /<br>Licence<br>section | Condition<br>number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)  | Reference<br>documents   |
| Premises L1.2.1 – 1.2.4<br>operation      |   | Conditions 1.2.1 – 1.2.5 have been included on the Licence to address the risk event of tyres catching on fire at the Premises. The Delegated Officer has determined that this risk event would have two key potential hazards, being (1) the emission of toxic pollutants to air and (2) the contamination of nearby soil, surface water and groundwater from the escape of fire water or molten tyre components. These hazards are assessed in more detail in Appendix A.   | Environmental<br>Protection<br>(Controlled<br>Waste)<br>Regulations 2004 |
|   |   | <ul> <li>Amendment note:</li> <li>Refer to Appendix A for risk assessment.</li> <li>Conditions 1.2.1 – 1.2.4 are retained from the previous version of the licence without change.</li> <li>Condition 1.2.5 has been added to the Premises operation section of the licence. This condition was previously in the Emissions section of the licence (Condition 2.1.1); however it does not directly relate to an emission. The condition has also been amended to remove the text 'by a carrier licensed under the Environmental Protection (Controlled Waste) Regulations 2004' as the regulations inherently apply. The condition now also includes "contaminated soil" to be removed. This is added in light of there being no lined containment system for contaminated water (refer to Appendix A)</li> </ul> |  |
| Records                                   | L2.1.1 – 2.1.4  | <ul> <li>Condition 2.1.1 has been included on the licence for the maintenance of records to ensure their value is maintained.</li> <li>Condition 2.1.2 has been included on the licence to require record-keeping of the number of tyres received on the premises. This information is required to be maintained so that it can be included in the AACR (below).</li> <li>Condition 2.1.3 has been included on the licence for the submission of an annual audit compliance report (AACR) indicating the extent to which the conditions have been</li> </ul>  | <u>www.der.wa.gov.</u><br><u>au/aacr</u>                                 |
|   |   | <ul> <li>complied with during the reporting period.</li> <li>Condition 2.1.4 has been included on the licence requiring the provision of information to the CEO upon request. This has been added due to the removal of the annual environmental report condition (below).</li> <li>Amendment notes:</li> </ul>   |  |



| Works<br>Approval /<br>Licence<br>section | Condition<br>number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)   | Reference<br>documents |
|---|---|--|------------------------|
|   |   | Conditions have been renumbered chronologically.<br>Condition 2.1.1 is retained from the previous version of the licence without change.<br>Condition 2.1.2 has been added as part of the amendment to inform the operating<br>conditions at the Premises and the scope of this point in time assessment through a<br>request under Condition 2.1.4 and compliance under Condition 2.1.3.<br>Condition 2.1.3 has been updated as part of this amendment to reflect the current AACR<br>format (available online).<br>Condition 2.1.4 has been added as part of the amendment and replaces the<br>requirements to submit an Annual Environmental Report.<br>Previous condition 3.1.3 (complaints management) has been removed from this section<br>as part of this amendment because the risk assessment has identified that there are no<br>foreseeable fugitive emissions (noise, odour, dust) which are likely to give rise to<br>complaints and no history of complaints. Complaints can still be lodged through the<br>DER Pollution Watch hotline.<br>Previous condition 3.1.4 (annual environmental report) has been removed from this<br>section because there is no monitoring required to be undertaken under the licence<br>conditions to report on and there is no longer a requirement to record complaints. The<br>Delegated Officer considers that the notification requirements (see below) are sufficient<br>for communication with the CEO about environmental incidents on the Premises and the<br>new format AACR requires the reporting of throughput. |                        |



| <b>DECISION TAB</b>                       | SLE   |  |  |
|---|---|--|--|
| Works<br>Approval /<br>Licence<br>section | Condition<br>number<br>W = Works Approval<br>L= Licence | Justification (including risk description & decision methodology where relevant)   | Reference<br>documents                         |
| Notification                              | L2.2.1  | Condition 2.2.1 has been included on the licence for the timely notification of fires to the CEO. This is to allow DER to ensure the situation is being managed appropriately and respond if required.<br><i>Amendment note:</i><br>Condition 2.2.1 has been amended from the previous version of the licence to remove the requirement to notify the CEO of any action, malfunction or emergency which could result in the discharge of Fire Water from the Premises, or any emission and/or deposit of waste not in accordance with the licence. Any emission of waste which is causing or likely to cause pollution would inherently require reporting under section 72 of the EP Act and therefore these specific notification requirements are not required.<br>The notes underlying the table referring to s.72 of the EP Act and Schedule 2 forms have also been removed.<br>Schedule 2 has been removed from the licence due to the changes to condition 2.1.3 | Environmental<br>Protection Act<br>1986 (s.72) |
| Licence                                   | N/A   | (AACR) and 2.2.1 (N1).<br>The Licence duration has not been changed as part of this amendment.   |  |
| Duration                                  |   |  |  |

## **5** Advertisement and consultation table

| D | ate       | Event                                     | Comments received/Notes | How comments were taken into<br>consideration |
|---|-----------|---|-------------------------|---|
|   | 3/02/2017 | Proponent sent a copy of draft instrument | No comments received.   |   |
|   |           |   |                         |   |
|   |           |   |                         |   |



## 6 Risk Assessment

Note: This matrix is taken from DER's Guidance Statement: Risk Assessments

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

## **Table 1: Emissions Risk Matrix**



## Appendix A - Detailed environmental risk assessment

**RISK EVENT – TYRE FIRE** 

## Emission Description (1) - Emission of pollutants to air

*Emission:* Emissions of black smoke from tyre fire containing pollutants and irritants. Examples of potential contaminants which may be released in tyre fire smoke include particulates, sulphur dioxide, carbon monoxide, metals, polycyclic aromatic hydrocarbons, volatile organic compounds, polychlorinated biphenyls, phenols, dioxins, chlorine and furans<sup>1</sup>. Some of these substances are known to be carcinogenic.

*Impact:* Potential public health impacts from the inhalation of smoke include eye/ noise/ throat irritations and more persistent coughing, wheezing and breathing difficulties in the case of exposure to high levels of smoke. Smoke could reasonably affect people nearby through wind dispersion. Effects may be transient and likely to recover when the smoke is no longer present for the majority of healthy receptors. Longer term health impacts could be foreseeable in rare cases. The Premises is located within an industrial area in which other businesses and their staff operate. The nearest residences are within the rural zone 280 metres south of the Premises.

*Controls:* Tyres are secured within the shed and not exposed to elements. The Occupier has pillar hydrants in place within the shed. A street hydrant is also nearby with suitable hose reels. The previous occupier (prior to the transfer) consulted with the WA Department of Fire and Emergency Services and they indicated this was sufficient. Tyres are baled tightly (using a professional baler) in incombustible material (wire) as soon as possible minimising the risk of fire as air is excluded from the surface of the tyres. The number of unbaled tyres does not exceed 100 at any time. The shed is securely locked when unattended preventing the risk of arson. There is a separation distance of >10 metres from a 15 m thick line of trees.

### Risk Assessment

Consequence:Severe (worst-case impacts to public health: high level or ongoing medical treatment)Likelihood:Rare (exceptional circumstances)Risk Rating:High (may be acceptable subject to multiple regulatory controls)

### Regulatory Controls

Conditions included on the licence largely relate to the prevention of fire, minimisation of the extent of the fire if it does occur, and the provision for effective response to a fire.

Condition 1.2.1 is included on the licence to restrict the size and height of individual tyre stacks. This is to restrict the size of the burning mass should a fire erupt within the stack. With consideration to the NSW Fire and Rescue Guideline for bulk storage of rubber tyres  $(2014)^2$ , the Delegated Officer determined that a maximum area of  $30m^2$  and maximum height of 3.7m is a suitable restriction to manage risk.

Condition 1.2.2 is included to restrict the height of tyre stacks so that they maintain a 1m separation from the ceiling or light fixtures/sprinkler heads. This is to minimise the risk of fire caused by electrical faults and to ensure that sprinklers are able to operate effectively if installed. The condition also requires the stacks to be separated by at least 3m. The Delegated Officer determined that these

https://www2.health.vic.gov.au/~/media/health/files/collections/factsheets/t/tyre-fire-broadmeadows.pdf

<sup>&</sup>lt;sup>2</sup> <u>https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/rubber\_tyres.pdf</u>



controls are suitable to manage risk, with consideration to the NSW Fire and Rescue Guideline for bulk storage of rubber tyres (2014).

Condition 1.2.3 is included on the licence requiring tyre stacks not to obscure fire protection equipment, to ensure their positioning does not hinder effective response in the case of a fire.

Condition 1.2.4 is included on the licence to restrict the number of loose tyres to 100 or less, due to a significantly higher fire risk associated with loose tyres as opposed to tyres which are tightly bound and have minimal space for oxygen. The condition also requires tyres to be stacked on their sides or otherwise secured such that they are not able to move and spread in the event of a fire.

### Residual Risk

Consequence:Severe (worst-case impacts to public health: high level or ongoing medical treatment)Likelihood:Rare (exceptional circumstances)Risk Rating:High

The Delegated Office considers that, while the residual risk from smoke emissions to human receptors is high, the prescribed activity is acceptable under the Licence and that sufficient controls are in place. It is noted that the risk rating is based on a worst-case scenario consequence (long-term health impacts) of an extremely rare risk event (ignition of tyres).

The secure indoor storage of the tyres and baling of tyres significantly reduces fire risk, and the potential for the closest receptors (commercial premises) to remain present and exposed to a smoke plume in a real fire situation is very low.

## Emission Description (2) - Contamination of land and waters

*Emission:* Discharge or runoff of the liquefied component of burnt tyres or water used to suppress a tyre fire to the environment. When burned, tyres produce pyrolytic oils that contain environmentally hazardous compounds (including heavy metals) and can penetrate soils and contaminate surface water and/or groundwater. In addition, the use of fire-fighting foams in attempts to extinguish tyre fires can also contaminate the receiving environment of any runoff. Some of these substances are known to be carcinogenic and may be endocrine disrupting chemicals.

*Impact:* Direct contamination of soils, potentially resulting in secondary contamination of groundwater and/or surface water with hydrocarbons and heavy metals. The interior of the shed incorporates a flat concrete hardstand; however there are no surrounding bunds or other features which could reasonably contain quantities of pyrolytic oil or contaminated water used to extinguish a fire. In the event of a fire, oil and contaminated water is likely to flow out of the shed and across the compacted blue metal roadway into natural soil and trees immediately west of the shed causing some local contamination.

Secondary contamination of groundwater is foreseeable, considering the Premises is located on fractured rock and historic information from nearby groundwater bores indicates that superficial groundwater may be shallow (1.5m from ground level) in the area. Superficial groundwater is likely to recharge the eastern shores of Princess Royal Harbour which is 750m southwest and down-gradient of the Premises, therefore there is a potential for localised contamination within the harbour if a large quantity of tyre oil or fire water is released at the Premises. The levels of contaminants that could present within the harbour cannot be easily quantified; however the Delegated Officer considers that ANZECC quality guidelines for marine ecosystems may be at risk of not being met under this scenario, specifically in terms of heavy metals and/or hydrocarbons.

*Controls:* Tyres are secured within the shed and not exposed to elements. The Occupier has pillar hydrants in place within the shed. A street hydrant is also nearby with suitable hose reels. The previous occupier (prior to the transfer) consulted with the WA Department of Fire and Emergency



Services and they indicated this was sufficient. There is no tyre catchment area for the capture of fire water; however the interior floor of the shed is concrete (flat and without bunds). Bunding of the shed would prevent the movement of machinery in and out. Tyres are baled tightly (using a professional baler) in incombustible material (wire) as soon as possible minimising the risk of fire as air is excluded from the surface of the tyres. The number of unbaled tyres does not exceed 100 at any time. The shed is securely locked when unattended preventing the risk of arson.

## Risk Assessment

Consequence: Moderate (specific consequence criteria [ANZECC] for environment are at risk of not being met)

| Likelihood:  | Rare (exceptional circumstances)                   |
|--------------|--|
| Risk Rating: | Medium (acceptable subject to regulatory controls) |

## **Regulatory Controls**

Conditions included on the licence largely relate to the prevention of fire, minimisation of the extent of the fire if it does occur, and the provision for effective response to a fire.

Condition 1.2.1 is included on the licence to restrict the size and height of individual tyre stacks. This is to restrict the size of the burning mass should a fire erupt within the stack. With consideration to the NSW Fire and Rescue Guideline for bulk storage of rubber tyres (2014)<sup>3</sup>, the Delegated Officer determined that a maximum area of 30m<sup>2</sup> and maximum height of 3.7m is a suitable restriction to manage risk.

Condition 1.2.2 is included to restrict the height of tyre stacks so that they maintain a 1m separation from the ceiling or light fixtures/sprinkler heads. This is to minimise the risk of fire caused by electrical faults and to ensure that sprinklers are able to operate effectively if installed. The condition also requires the stacks to be separated by at least 3m. The Delegated Officer determined that these controls are suitable to manage risk, with consideration to the NSW Fire and Rescue Guideline for bulk storage of rubber tyres (2014).

Condition 1.2.3 is included on the licence requiring tyre stacks not to obscure fire protection equipment, to ensure their positioning does not hinder effective response in the case of a fire.

Condition 1.2.4 is included on the licence to restrict the number of loose tyres to 100 or less, due to a significantly higher fire risk associated with loose tyres as opposed to tyres which are tightly bound and have minimal space for oxygen. The condition also requires tyres to be stacked on their sides or otherwise secured such that they are not able to move and spread in the event of a fire.

Condition 1.2.5 is included on the licence for the rapid clean-up of fire water and contaminated soil following a fire at the Premises. This is to minimise the retention time on site and the potential associated contamination that could occur as a result.

### **Residual Risk**

Consequence: Moderate (specific consequence criteria [ANZECC] for environment are at risk of not being met) Likelihood: Rare (exceptional circumstances)

Risk Rating: Medium

<sup>&</sup>lt;sup>3</sup> <u>https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/rubber\_tyres.pdf</u>



| ndix B – Prev   | vious version of Lic  | ence L8241/2008/2                |
|---|---|----------------------------------|
|   | f Western Australia<br>Invironment Regulation   |                                  |
|   | Licence   |                                  |
| Enviro  | onmental Protection Act 198   | 86, Part V                       |
| Licensee: Mr 4  | Ambrose James Smith & Mrs Shiralee Smith  |                                  |
| Licence: L824   | 41/2008/2   |                                  |
| Registered office:  | PO Box 1862<br>Albany<br>WA 6331  |                                  |
| ACN:  | Not applicable  |                                  |
| Premises address:   | WA. Tyre Recovery<br>Leased Units 13 and 14, 17-47 .cow Jeanna<br>Mt Elphinstone<br>WA 6330<br>Being part of Lot 9 on agram 9940 . as dep |                                  |
| Issue date:   | Thursday 9 May 2 3  |                                  |
| Commencement date:  | Wednesday 29 Ma, 1913   |                                  |
| Expiry date:<br>Prescribed premises of<br>Schedule 1 of the Enviro                            |   |                                  |
|   | Category  | Approved Premises                |
| ouner that  | tor (general): premises<br>mises within category 56)<br>and tyres are stored  | production or design<br>capacity |
| Conditions<br>This Licence is subject t   | to the conditions set out in the attached pages.  |                                  |
| Ollow   | <b>≈</b> -  |                                  |
| Caron Goodbourn<br>AManager Licensing(W<br>Officer delegated under<br>of the Environmental Pr | section 20  |                                  |
| Environmental Protection Ac<br>Licence: L8241/2008/2<br>File Number: DER 2014/000             | Amendment date: Thursday, 19 May 2016   | Page 1 of 13<br>IRLB_T10672 v2.9 |



| Contents   |   |  |
|--|---|--|
| Licence  |   | 1  |
| Contents   |   | 2  |
| Licence conditions<br>1 General                                |   | 4<br>4   |
| 2 Emissions  |   | 5  |
| 3 Information  |   | 5  |
| Schedule 1: Maps   |   | 7  |
| Schedule 2: Reporting & notifi                                 | ication forms   | 8  |
| Introduction   |   |  |
| This Introduction is not part of                               | the Licence conditions.   | $\bigcirc$   |
|  |   |  |
| DER's industry licensing rol                                   |   |  |
|  | ent Regulation (DER) is a government dep<br>olio of the Minister for Environment            | me for the state of  |
|  | a healthy environment for the benefit.  | <ul> <li>ose ) to advise on</li> <li>ont - d future</li> </ul> |
| Western Australians.   | a netatally environment for the worldick of the   |  |
|  |   |  |
|  |   | 1986 (the Act) for the   |
| icensing of prescribed premis                                  |   | prevent, control and   |
| abate poliution and environme<br>monitors and audits compliand | ental harm to conserve an prot <i>it</i> e enviro   | nment. DER also<br>ns, takes enforcement                       |
| action as appropriate and dev                                  |   | regulation policy.   |
| action as appropriate and dev                                  | clops and implementer ten Industry  | regulation policy.   |
| Licence requirements   |   |  |
| This Licence is issued under F                                 |   |  |
| the prevention, reduction or co                                |   | vironment and to the   |
| monitoring and reporting of the                                | em.   |  |
| Where other statutory instrum                                  | ents or on the Premises/Lic   | ensee the intention is   |
| not to replicate them in the lice                              |   |  |
| all your statutory obligations                                 |   |  |
| accessed through the Star                                      |   |  |
| http://www.slp.wa.gov.au/le                                    | vation atutes.nsf/default.html  |  |
| For your Premises relevan.                                     | atu, instruments include but are not limited  | d to obligations under   |
| the:   |   | a te obligationo anaor   |
|  |   |  |
|  | (Unauthorised Discharges) Regulations 200   |  |
|  | harge certain materials such as contaminate   |  |
| environment of / than in                                       | the circumstances set out in the Regulations  | э.   |
| Environmental Protection                                       | (Controlled Waste) Regulations 2004 - these   | e Regulations place  |
|  | produce, accept, transport or dispose of contr  |  |
|  |   |  |
|  | (Noise) Regulations 1997 - these Regulation   |  |
|  | ses to comply with the assigned noise levels  | set out in the   |
| Regulations.   |   |  |
| You must comply with your lie                                  | ence. Non-compliance with your licence is a   | an offence and strict  |
| penalties exist for those who d                                |   |  |
| •  |   |  |
|  | nded of the requirements of section 53 of the   |  |
|  | changes to prescribed premises unless the<br>roval, licence, closure notice or environmenta |  |
| accordance with a works appr                                   | oval, incence, closure notice or environmenta   | a protection notice.   |
| Environmental Protection Act 1986                              |   | Page 2 of 13   |
|  | Amendment date: Thursday, 19 May 2016   | Fage 2 0F R  |
| Licence: L8241/2008/2<br>File Number: DER 2014/000730          | Attenditient date. That body, To may 2010   |  |





#### 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 have imposed by the Minister for Environment. You are required to comply with any onditions litions imposed by the Minister.

#### Premises description and Licence summary

ris case and area on crited emises boundary; nach e. WA Tyre Recovery operates a tyre storage & transport business fro/ IIIC Lot 9. Waste tyres are stored inside Units 13 and 14 which in the pr SCL however Unit 15 is also leased by the occupier to house a mon bal

Vaste ence T00422) from a range Waste (used) tyres are picked up by the operator (Controller of locations including Esperance, Ongerup, Gnowangerup, Wagin, jonup, Denmark, Collie, unstantly through the week, Manjimup and Albany. As tyres are arriving at the stor a mobile tyre baler located on site is used to bale tyre in proximately one tonne bales as soon as enough tyres are available. The quantity of tyre in the le is highly variable; however the occupier estimates there to be 60 – 70 tyres as a ugh le is highly variable; however the ugh lerage. This limits the storage of unbaled tyres to no more than 100 tyres at a time. Both baled and unbaled tyres a specialised fire water catchment (hunder) specialised fire water catchment (bundt and with negligible likelihood of ignition and ther every unbaled tyres at any one time.

ick a 25 tonne load of tyre bales, or 25 – 30 bales road train. In quiet times this occurs less frequently. In loar d directly into containers on the road trainer During busy periods, Barak Tran which could contain up to 2 500 vre most cases all tyre bales on site stay through the export p

e has en amended from 15 to 57 which is the appropriate category The category of the lic. for a tyre storage ( ility thin chedule 1 of the Environmental Protection Regulations 1987. Category 15 was an e v in . previous licence. The licence conditions have been transferred to licence a current form undant conditions in the previous licence have been removed **ny** during this amen ent

The lice :es orks approvals issued for the Premises since 29/05/2008 are:

| Instrument   |            |   |
|--------------|------------|---|
| Instrument   | Issued     | Description   |
| L8241/2008/1 | 29/05/2008 | New application   |
| L8241/2008/1 | 15/03/2012 | Licence amendment   |
| L8241/2008/2 | 9/05/2013  | Licence re-issue  |
| L8241/2008/2 | 19/05/2016 | Licence amendment to correct administrative errors and extend |
|              |            | expiry date to 2028   |

#### 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

Environmental Protection Act 1986 Licence: L8241/2008/2 File Number: DER 2014/000730

Amendment date: Thursday, 19 May 2016

Page 3 of 13 IRLB TI0672 v2.9





## 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 April until 31 March (m) lionary year;

"combustible material " means any material that is capable of hilly ning e if heated or otherwise exposed to an external flame and which is further capable of the easily;

'CEO' means Chief Executive Officer of the Department of En onmen gulation;

'CEO' for the purpose of correspondence means;

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

'controlled waste' has the definition with vental Protection (Controlled Waste) Regulations 2004;

"fire water" means water "the dot of a fire, has been used to extinguish a fire and all materials and combustion roduc dissolved or suspended within such water and includes other fire suppressant substant such a foams;

'Licence' means this L. nce. mbered L8241/2008/2 and issued under the Act;

'Licensee' means e per/ in or organisation named as Licensee on page 1 of the Licence;

"loose ty s" tyres which have not been baled or cut with treads removed;

"non-combus/" material" means material that is not combustible material;

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

"waste" has the meaning defined in the Environmental Protection Act 1986.

- 1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.
- 1.2 Premises operation
- 1.2.1 The licensee shall ensure that individual tyre stacks do not exceed:
  - (a) 30 square metres (30 m<sup>2</sup>) in area; and
  - (b) 3.7 metres in height.

Environmental Protection Act 1986 Licence: L8241/2008/2 File Number: DER 2014/000730

Amendment date: Thursday, 19 May 2016

Page 4 of 13 IRLB TI0672 v2.9





- 1.2.2 The licensee shall ensure that tyres stacks are:
  - stacked no less than 1 metre from the roof or any structures attached to the roof, (a) including light fixtures and sprinkler heads; and
  - (b) separated by a distance of at least 3 metres from each other.
- 1.2.3 The licensee shall ensure that tyre stacks do not obscure fire protection equipment (including fire hydrants and fire hoses) or any related signage.
- 124 The licensee shall ensure that:
  - no more than 100 loose tyres are to be stored on site at any time (a) nd
  - urins (b) all tyres are stacked on their sides or baled together with a s evice made from non-combustible materials.

#### 2 Emissions

- 2.1 General
- 2.1.1 The licensee shall without any undue delay following The licensee shall without any under some that all fire water is removed from the premises by a that all fire water is removed from the premises by a he exti ishing of a fire, ensure insed under the vrier liv Environmental Protection (Controlled Waste)

## 3 Information

#### 3.1 Records

- 311 All information and records rec d by t cence shall: be legible: (a)
  - (b) if amended, be CIN air amendments re
  - in h a way that the original and subsequent by e or are capable of retrieval; 3.1.1(d) be retained for at least 6 years from the date ain sg except for record (c) the reco a until the expiry of the Licence or any subsequent
  - licence: nd for tho. followin records, be retained until the expiry of the Licence and any (d)SUÍ JUDE (i)
    - vironmental effects; or -site
    - m A SIE sh affect the condition of the land or waters. ij)
- 312 all complete an Annual Audit Compliance Report indicating the extent to .c Licens this licensee has complied with the conditions of the Licence, and any previous nce is ed under Part V of the Act for the Premises for the previous annual period.
- 3.1.3 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.

Environmental Protection Act 1986 Licence: L8241/2008/2 File Number: DER 2014/000730

Amendment date: Thursday, 19 May 2016

Page 5 of 13 IRLB TI0672 v2.9





3.1.4 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 3.1.4 in the format or form specified in that table.

| Table 3.1.4: Annual     | Environmental Report                                   |                             |
|-------------------------|--|-----------------------------|
| Condition or table      | Parameter  | Format or form <sup>1</sup> |
| (if relevant)           |  |                             |
| -                       | Summary of any failure or malfunction of any pollution | None specified              |
|                         | control equipment and any environmental incidents the  |                             |
|                         | have occurred during the annual period and any action  |                             |
|                         | taken  |                             |
| 3.1.2                   | Compliance   | An Audit                    |
|                         |  | Cor biance Report           |
|                         |  | CR)                         |
| 3.1.3                   | Complaints summary                                     | None specified              |
| Note 1: Forms are in \$ | Schedule 2   |                             |

#### 3.2 Notification

3.2.1 The Licensee shall ensure that the parameters listed Table 5.3.1 are notified to the CEO in accordance with the notification requires a cruciable.

| Condition<br>or table<br>(if relevant) | Parameter  | requirement <sup>1</sup>                                       | Format<br>or form <sup>2</sup> |
|--|--|--|--------------------------------|
| N/A                                    | Any fire on the premis   | on as becoming aware.  | Verbal                         |
| N/A                                    | Any action, malfunction emergency which<br>result in the dis are of<br>water from the participation of set | As soon as practicable but no<br>5pm of the next usual working | later than N1                  |
| N/A                                    | Any emi sion a. Vor dep<br>of was, ot peri ted by<br>lice te   |  |                                |
| Note 2: F                              | $\widetilde{\mathcal{O}}$  |  |                                |
| C                                      | 9  |  |                                |





## Schedule 1: Maps

Premises map

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



Environmental Protection Act 1986 Licence: L8241/2008/2 File Number: DER 2014/000730

Amendment date: Thursday, 19 May 2016

Page 7 of 13 IRLB\_TI0672 v2.9

*Environmental Protection Act 1986* Decision Document: L8241/2008/2 File Number: DER2014/000730 Page 20 of 26 IRLB\_TI0669 v2.7





## 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.

| SECTION A<br>LICENCE DETAILS                              |   |                                |
|---|---|--------------------------------|
| Licence Number:   |   | Lid Ice File Number:           |
| Company Name:   | 6                                       | ABN:                           |
| Trading as:   |   |                                |
| Reporting period:   |   |                                |
|   |   |                                |
| STATEMENT OF COMPLIANC<br>1. Were all conditions of the L |   | nariod? (plassa tick the       |
| appropriate box)  | icence ce vieu wie suurin ure reporting | penou: (please lok life        |
|   |   | es 🛛 Please proceed to Section |
|   | ( ) · · · · · · · · · · · · · · · · · · |                                |
|   |   | No □ Please proceed to Section |
| SUI   |   | -                              |
| Each page must be initialled by Report (AACR).            |   | No □ Please proceed to Section |
|   |   | No □ Please proceed to Section |
| Report (AACR).  |   | No □ Please proceed to Section |



Government of Western Australia Department of Environment Regulation 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 ?: Yes Reported to DER verbally Date \_\_\_\_ Reported to DER in writing Date d) Has DER taken, or finalised any action in relation npliance?: e) Summary of particulars of the non comp. ce, and what was the environmental impact: f) If relevant, the precise log on compliance occurred (attach map or diagram): g) Cause of non complia 6 h) Action , or t it 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: Environmental Protection Act 1986 Licence: L8241/2008/2 Page 9 of 13 Amendment date: Thursday, 19 May 2016 File Number: DER 2014/000730 IRLB\_TI0672 v2.9



## 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 sign. If you are uncertain about who is entitled to sign or which category to tick, please contact the sensing officer for your premises.

| If the licence holder           | The Annual Audit Compliance Report mu  |
|---------------------------------|--|
| is                              | certified:   |
|                                 | <ul> <li>by the individual licence holder, or</li> </ul>   |
| An individual                   | by a person approved in writing by the view officer of the   |
|                                 | Department of Environment Reguir ion to ign on the licensee's  |
|                                 | behalf.  |
| A firm or other                 | <ul> <li>by the principal executive officer of lice lee; or</li> </ul>   |
| unincorporated                  | by a person with authority a sign in the IICensee's behalf who is  |
| company                         | approved in writing by the thi Ex utive Officer of the Department of   |
|                                 | Environment Regulation.  |
|                                 | by affixing the cor non sent or we licensee in accordance with the   |
|                                 | Corporations Act   |
|                                 | by two directs a of the lice / ee; or  |
|                                 | <ul> <li>by a director. I a company secretary of the licensee, or</li> </ul>   |
| A corporation                   | if the is roprietary company that has a sole director who is all the company secretary – by that director, or  |
|                                 |  |
|                                 | <ul> <li>by th v cipa executive officer of the licensee; or</li> </ul>   |
|                                 | n authority to sign on the licensee's behalf who is  |
|                                 | app ed in writing by the Chief Executive Officer of the Department   |
|                                 | of En pnment Regulation.   |
| A public authority              | oprincipal executive officer of the licensee; or   |
| (other than a loca              | (b) verson with authority to sign on the licensee's behalf who is  |
| government)                     | by erson with authority to sign on the licensee's behalf who is<br>pproved in writing by the Chief Executive Officer of the Department<br>of Environment Regulation. |
|                                 |  |
| a local gov                     | <ul> <li>by the chief executive officer of the licensee; or</li> </ul>   |
|                                 | <ul> <li>by affixing the seal of the local government.</li> </ul>  |
| t is an offence under an 1      | 12 of the Environmental Protection Act 1986 for a person to give information on this form  |
| hat to their knowledge is faise | or misleading in a material particular. There is a maximum penalty of \$50,000 for an  |
| ndividual or body corporate.    |  |
| We declare that the inf         | ormation in this annual audit compliance report is correct and not false or  |
| misleading in a material        | particular.  |
| SIGNATURE:                      | SIGNATURE:   |
|                                 |  |
| NAME:                           | NAME:  |

POSITION: \_

POSITION: \_

Environmental Protection Act 1986 Licence: L8241/2008/2 File Number: DER 2014/000730

Amendment date: Thursday, 19 May 2016

Page 10 of 13

IRLB\_TI0672 v2.9



| DATE:///                          | DATE:                                | <u> </u>                              |
|-----------------------------------|--------------------------------------|---------------------------------------|
| SEAL (if signing under seal)      | )                                    |                                       |
| igned on behalf of                | Date:                                |                                       |
|                                   |                                      |                                       |
|                                   | ~                                    |                                       |
|                                   | è                                    |                                       |
|                                   | $O_{5}$                              |                                       |
|                                   | S                                    |                                       |
|                                   |                                      |                                       |
|                                   |                                      |                                       |
|                                   |                                      |                                       |
| S                                 |                                      |                                       |
| J                                 |                                      |                                       |
|                                   |                                      |                                       |
|                                   |                                      |                                       |
| Environmental Protection Act 1986 |                                      | Page 11 of 13                         |
| Licence: L8241/2008/2             | Amendment date: Thursday, 19 May 201 | e e e e e e e e e e e e e e e e e e e |





Licence: L8241/2008/2 Licensee: Ambrose James Smith & Shiralee Smith Form: N1 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 compariant should be made of actual emissions and authorised emission limits.

#### Part A

| 1 601677                       |  |
|--------------------------------|--|
| 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

| Ture D   |  |
|--|--|
| Any more accurate information on the matter for notification under Part A. |  |
| Measures taken, ntended e tak to<br>prevent a reconce the dent.            |  |
| Measures taken or kended 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.                                       |  |
|  |  |

Environmental Protection Act 1986 Licence: L8241/2008/2 File Number: DER 2014/000730

Amendment date: Thursday, 19 May 2016

Page 12 of 13 IRLB\_TI0672 v2.9





| Name                                 |  |
|--------------------------------------|--|
| Post                                 |  |
| Signature on behalf of               |  |
| Ambrose James Smith & Shiralee Smith |  |
| Date                                 |  |



IRLB\_TI0672 v2.9