



Licence

Environmental Protection Act 1986, Part V

LICENCE NUMBER: L6378/1987/14

FILE NUMBER: DER2015/001579

NAME AND ADDRESS OF OCCUPIER:

Romine Holdings Pty Ltd trading as Wren Oil
157 Harris Road
PICTON EAST WA 6229

NAME AND LOCATION OF PREMISES:

Wren Oil
Lot 1 on Diagram 79008, Lot 4 on Diagram 57840 & Lot 12 on Diagram 65162 Harris Road
PICTON EAST WA 6229
(as depicted in Attachment 1)

Environmental Protection Regulations 1987

CLASSIFICATION(S) OF PREMISES:

Category 39: Chemical or oil recycling
Category 62: Solid waste depot
Category 61: Liquid waste facility

COMMENCEMENT DATE OF LICENCE: Saturday, 12 September 2015

EXPIRY DATE OF LICENCE: Sunday, 11 September 2016

CONDITIONS OF LICENCE:

As described and attached:

DEFINITIONS

GENERAL CONDITIONS (6)

AIR POLLUTION CONTROL CONDITIONS (3)

WATER POLLUTION CONTROL CONDITIONS (5)

Date signed: 3 September 2015

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Jonathan Bailes
Manager Licensing (Process Industries)
Officer delegated under Section 20
of the *Environmental Protection Act 1986*

Date of Issue: Thursday, 3 September 2015

WESTERN AUSTRALIA
DEPARTMENT OF ENVIRONMENT REGULATION

Environmental Protection Act 1986

LICENCE NUMBER: L6378/1987/14

FILE NUMBER: DER2015/001579

CONDITIONS OF LICENCE

DEFINITIONS

In these conditions of licence, unless inconsistent with the text or subject matter:

'AHD' means metres above (or below) the Australian Height Datum as defined by Geoscience Australia (a Federal Government Agency);

'AS 4323.1' means the most recent version and the relevant parts of the Australian Standard for stationary source emissions - selection of sampling positions;

'AS/NZS 5667' means the most recent version and the relevant parts of the Australian and New Zealand series of guidance standards on Water Quality Sampling;

'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;

'Landfill Waste Classification and Waste Definitions 1996 (as amended Dec 2009)' means the DEC document of that name published by the Director General, Department of Environment and Conservation on 17 December 2009 pursuant to items 63, 64, 65 and 66 in Schedule 1, Part 1 of the *Environmental Protection Regulations 1987*;

'Licensee' means Romine Holdings Pty Ltd trading as Wren Oil;

'mg/m³' means (when used in relation to ambient air or waste gases discharged to atmosphere) the concentration of the specified contaminant in milligrams per cubic metre and unless otherwise specified means corrected to dry gas and corrected to Standard Temperature and Pressure (STP) which is 0°C and 101.325kPa;

'mL' means millilitres;

'mm' means millimetres;

'NATA' means the National Association of Testing Authorities;

'NO_x' means (when used in relation to waste gases discharged to atmosphere) the sum of all oxides of nitrogen formed during any combustion process and reported as equivalent nitrogen dioxide (NO₂);

'PAH' means polycyclic aromatic hydrocarbons which may be one or a mixture of a group of chemicals formed from the incomplete combustion of organic matter where the benzene rings are fused along their edge;

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'PCB' means polychlorinated biphenyls, one or a mixture of synthetic organochlorine chemicals;

'Premises' means Lot 1 on Diagram 79008, Lot 4 on Diagram 57840 and Lot 12 on Diagram 65162 Harris Road, Picton, as depicted in Attachment 1;

'SWL' or 'standing water level' means the water level of any surface water or in any piezometer measured prior to sampling and expressed in metres AHD;

'SO_x' means (when used in relation to waste gases discharged to atmosphere) all oxides of sulfur (predominantly SO₂ and to a lesser degree SO₃) formed during any combustion process and reported as sulfur dioxide (SO₂);

'TDS' means inorganic salts and small amounts of organic matter that are dissolved in water; clay particles, colloidal iron, manganese oxides, and silica fine enough to pass through a 0.45µm filter membrane can also contribute to total dissolved solids;

'VOCs' means volatile organic compounds;

'USEPA' means United States Environmental Protection Authority; and

'USEPA method' means the corresponding standard monitoring method as promulgated by the United States Environmental Protection Agency.

GENERAL CONDITIONS

ANNUAL MONITORING REPORT

G1 The Licensee shall, by 1 August in each year, provide to the CEO an Annual Monitoring Report containing data collected during the period beginning 1 July in the previous year and ending 30 June in that year. This report shall contain, but not be limited to:

- (a) monitoring data and other data required by any condition of this licence;
- (b) any log books requested by the Department, for waste collected and treated at the site;
- (c) summary of waste accepted at the site, required by condition G6; and
- (d) summary of any issues raised by the Department.

G2 The Licensee shall by 1 August in each year, provide to the CEO an Annual Audit Compliance Report in the form in Attachment 2 to this licence, signed and certified in the manner required by Section C of the form, indicating the extent to which the Licensee has complied with the conditions of this licence, and any previous licence issued under Part V of the Act for the Premises, during the period beginning 1 July the previous year and ending on 30 June in that year.

WASTE OIL - SAMPLING

G3(a) The Licensee shall ensure for each load of oil containing transformer oil delivered to the Premises for recycling, a representative sample (at least 20 mL) of that load is taken for analysis for the presence of PCB.

G3(b) The Licensee shall store the samples collected in accordance with part (a) of this condition for a period of 6 months.

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G3(c) The Licensee may, as an alternative to parts (a) and (b) of this condition, accept analytical data provided by the supplier of the transformer oil.

PCB TESTING

G4(a) The Licensee shall, on a monthly basis, undertake testing for the presence of PCB from a randomly selected sample taken in accordance with Condition G3(a).

G4(b) The Licensee shall undertake testing for the presence of PCB every twelve months from each of the waste oil storage tanks.

CONTAMINATED OIL - PCB

G5(a) The Licensee shall not accept waste oil that samples in excess of 2 parts per million of PCB.

G5(b) The Licensee shall not dilute waste oil to meet the requirement outlined in part (a) of this condition.

OILY WASTE RECEIVAL INVENTORY

G6 The Licensee shall maintain an inventory at the Premises including the following information:

- (a) the volume of each load received at the Premises;
- (b) the origin of each load of waste oil; and
- (c) the concentration of PCB's in each sample tested in accordance with conditions G3 and G4.

AIR POLLUTION CONTROL CONDITIONS

THIN FILM EVAPORATOR

A1(a) The Licensee shall ensure that gases from the vacuum pumps associated with the thin film evaporator (oil distillation unit) pass through an afterburner, prior to discharge to the atmosphere.

A1(b) The Licensee shall, to reduce the potential for odorous emissions, ensure that off-gases produced during transfer operations are passed through pollution control equipment, prior to discharge to the atmosphere.

THIN FILM EVAPORATOR BUILDING

A2 The Licensee shall operate the extraction fan and filter associated with the thin film evaporator building, whenever there is an outward leak from the thin film evaporator.

STACK SAMPLING

A3(a) The Licensee shall maintain emission sampling ports on the thin film evaporator afterburner in accordance with AS 4323.1.

A3(b) The Licensee shall at the frequency stated in Column 2 of Table 2, from the source monitoring sites stated in Column 1 of Table 2, collect and have analysed the in-stack concentration of the analytes stated in Column 3 of Table 2, using the method stated in Column 5 of Table 2, the results of which are to be recorded in the units stated in Column 4 of Table 2.

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Table 2: Thin Film Evaporator Stack Monitoring Program

Column 1	Column 2	Column 3	Column 4	Column 5
Source monitoring site	Frequency	Analyte	Unit	Method
Afterburner exhaust stack	Every 12 months	Particulates VOCs SOx NOx	mg/m ³ mg/m ³ mg/m ³ mg/m ³	USEPA Method 5 USEPA Method 18 USEPA Method 6C USEPA Method 7E

- A3(c) The Licensee shall provide the following information together with the results of each set of source tests:
- (i) plant feed-rate relevant to the emissions at the time of the test;
 - (ii) in stack moisture content;
 - (iii) in stack volume flow rate;
 - (iv) in stack temperature;
 - (v) analytes, according to Table 2, with mass emission rates expressed in grams per minute;
 - (vi) statement of compliance with the test method, and
 - (vii) any other information relevant to the test results.

WATER POLLUTION CONTROL CONDITIONS

SPILLAGE/WASHDOWN SUMP

- W1 The Licensee shall direct all spillage and washdown from the work shed to a sealed sump within the shed for treatment or disposal.

OIL TRAP DISCHARGE

- W2(a) The Licensee shall ensure the discharge from the oil trap terminates in a suitably lined pond.
- W2(b) The Licensee shall ensure the lined pond referred to in part (a) of this condition is of sufficient size to allow for storage of the wastes prior to:
- (i) evaporation of the wastes; or
 - (ii) off-site disposal of the wastes.

RETENTION OF CONTAMINATED STORMWATER

- W3(a) The Licensee shall direct all treated wastewater to the evaporation ponds, as depicted in Attachment 1.
- W3(b) The Licensee shall maintain a minimum of 300 mm of freeboard in the evaporation ponds at all times.
- W3(c) The Licensee shall manage the evaporation ponds such that:
- (i) leakage from the ponds does not occur; or
 - (ii) overtopping of the ponds does not occur.

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OIL SPILL CLEAN-UP CONTINGENCY

- W4(a) The Licensee shall retain non-flammable oil absorbent materials on site, to absorb and prevent the spread of spilt material.
- W4(b) The Licensee shall immediately remove and dispose of any liquid resulting from spills or leaks of chemicals including fuel, oil or other hydrocarbons, whether inside or outside the low permeability compound(s). All collected liquids to be recycled and solids to be disposed of in accordance with the Landfill Waste Classification and Waste Definitions 1996 (as amended Dec 2009).

MONITORING REQUIREMENTS - GROUNDWATER

- W5(a) The Licensee shall at the frequency stated in Column 2 of Table 3, collect and have analysed, representative water samples from the monitoring sites stated in Column 1 of Table 3 and depicted in Attachment 1, for the parameters stated in Column 3 of Table 3, and measured in the corresponding units stated in Column 4 of Table 3.

Table 3: Groundwater Monitoring Program

Column 1	Column 2	Column 3	Column 4
Monitoring Site	Frequency	Analyte	Units
MB1, MB2, MB3 and MB4	Annually	total recoverable hydrocarbons, arsenic nickel cadmium lead chromium zinc copper PAH	mg/L
		SWL (immediately prior to sampling).	metres AHD
MB1, MB2, MB3 and MB4	Quarterly	TDS	mg/L
		pH	pH units

- W5(b) The Licensee shall ensure all water samples are collected in accordance with AS/NZS 5667.
- W5(c) The Licensee shall submit all water samples to a laboratory with current NATA registration for the analysis specified.

ATTACHMENT 1 – PLAN OF PREMISES

LICENCE NUMBER: L6378/1987/14

FILE NUMBER: DER2015/001579

Lot 1 on Diagram 79008, Lot 4 on Diagram 57840 & Lot 12 on Diagram 65162 Harris Road



ATTACHMENT 2 - ANNUAL AUDIT COMPLAINT REPORT

LICENCE NUMBER: L6378/1987/14

FILE NUMBER: DER2015/001579

SECTION A
LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name:	ABN:
Trading as:	
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:

ATTACHMENT 2 - ANNUAL AUDIT COMPLAINT REPORT

LICENCE NUMBER: L6378/1987/14

FILE NUMBER: DER2015/001579

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:

ATTACHMENT 2 - ANNUAL AUDIT COMPLAINT REPORT

LICENCE NUMBER: L6378/1987/14

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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: _____

SIGNATURE: _____

NAME:
(printed) _____

NAME:
(printed) _____

POSITION: _____

POSITION: _____

DATE: ____/____/____

DATE: ____/____/____

SEAL (if signing under seal)



Decision Document

Environmental Protection Act 1986, Part V

Proponent: Romine Holdings Pty Ltd trading as Wren Oil

Licence: L6378/1987/14

Registered office: 157 Harris Road
PICTON EAST WA 6229

ACN: 009 331 800

Premises address: Wren Oil
Lot 1 on Diagram 79008, Lot 4 on Diagram 57840 and Lot 12 on Diagram
65162 Harris Road
PICTON EAST WA 6229

Issue date: Thursday, 3 September 2015

Commencement date: Saturday, 12 September 2015

Expiry date: Sunday, 11 September 2016

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: Elizabeth Whisson
Licensing Officer

Decision Document authorised by: Jonathan Bailes
Delegated Officer



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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	<table border="1"> <thead> <tr> <th>Category number(s)</th> <th>Assessed design capacity</th> </tr> </thead> <tbody> <tr> <td>39 – Chemical or oil recycling</td> <td>40 000 tonnes per annual period</td> </tr> <tr> <td>61 – liquid waste facility</td> <td>10 000 tonnes per annual period</td> </tr> <tr> <td>62 – solid waste depot</td> <td>10 000 tonnes per annual period</td> </tr> </tbody> </table>	Category number(s)	Assessed design capacity	39 – Chemical or oil recycling	40 000 tonnes per annual period	61 – liquid waste facility	10 000 tonnes per annual period	62 – solid waste depot	10 000 tonnes per annual period
	Category number(s)	Assessed design capacity							
	39 – Chemical or oil recycling	40 000 tonnes per annual period							
	61 – liquid waste facility	10 000 tonnes per annual period							
62 – solid waste depot	10 000 tonnes per annual period								
Application verified	Date: 27/07/2015								
Application fee paid	Date: 05/08/2015								
Works Approval has been complied with	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>								
Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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 type="checkbox"/>								
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								



3 Executive summary of proposal and assessment

Romine Holdings Pty Ltd, trading as Wren Oil, have been operating an oil recycling facility on the Swan Coastal Plain approximately 9km ESE of Bunbury (approximately 170 km south of Perth) since 1981. The Premises is located within a multiple use category wetland that is described as having few important ecological attributes and functions remaining. Other sensitive nearby surface water bodies include: Ferguson River located approximately 250m S; an Environmental Protection (Swan Coastal Plain Lakes) Policy conservation wetland located approximately 230m SE; and Preston River located approximately 2km SW. The nearest residence is approximately 130 m to the south of Wren Oil with the adjoining neighbour being a heavy machinery storage yard and a factory warehouse.

Wren Oil recycling approximately 45 000 tonnes per annum, accepting used lubricating oil and hydrocarbons from around Western Australia. They also collect oil filters, radiator coolants, oily rags, contaminated oil adsorbents, empty and full oil containers, batteries, used tyres, and scrap metals for onsite processing and treatment with remnants recycled or disposed through downstream licensed facilities. Excess recycled used lubricating oil that cannot be used in Australia is exported to Asian markets through a dedicated export storage facility at Bunbury Port.

Wren Oil have recently expanded their operations under Works Approval W5000/2011/1 that includes: site drainage and hardstand upgrades; a second distillation unit in the form of an Agitated Thin Film Evaporator; NMP solvent extraction to produce base oil; and extension to the bunded storage area at the Tank Farm North.

There are ten monitoring bores on site with depth to groundwater at the ten monitoring bores ranging from 0.9 m to 4.9 m below ground surface. Groundwater is extracted from three production bores for use within Wren Oil's operations.



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
Point source emissions to air including monitoring	LA3(b)	DER has not reassessed the acceptability of impacts of point source emissions to air from the premises or the monitoring of these emissions. Condition A3(b) has been amended to change the method for the monitoring of NO _x and SO _x from USEPA Method 7C to USEPA Method 7E and USEPA Method 6 to USEPA Method 6C respectively to reflect the way the monitoring is conducted onsite.	Application supporting documentation
Licence Duration	N/A	This Licence is successor to Licence L6378/1987/13. As part of this reissue DER has not reassessed the acceptability of impacts of emissions and discharges from the Premises or revisited any existing emission control levels. This Licence will be reissued for a period of 1 year with no changes made to the conditions on the previous licence. It is expected a full assessment of the impacts of emissions and discharges from the Premises will be completed within the year. Some minor administrative changes have been made to the Licence that include updating contact details.	N/A



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
10/08/2015	Application advertised in West Australian (or other relevant newspaper)	N/A	N/A
01/09/2015	Proponent sent a copy of draft instrument	Condition A2 is obsolete.	It is expected a full assessment of the impacts of emissions and discharges from the Premises will be completed within the next 12 months at which time this condition will be assessed.



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