



Ashley McKinnon  
General Manager  
Nationwide Oil Pty Ltd  
PO Box 86  
BENTLEY WA 6982

Dear Mr McKinnon,

**ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED**

**Premises**

Nationwide Oil Parkeston Facility  
Portion of Hampton Location 33, Yarri Road, Kalgoorlie 6430  
**Licence Number:** L8120/2006/4

A licence under the *Environmental Protection Act 1986* (the Act) has been granted for the above premises. The Department of Environment Regulation will advertise the issuing of this licence in the public notices section of *The West Australian* newspaper.

The licence includes attached conditions. Under section 58(1) of the Act, it is an offence to contravene a condition of a licence. This offence carries a penalty of up to \$125,000 and a daily penalty of up to \$25,000.

In accordance with section 102(1)(c) of the Act, you have 21 days to appeal the conditions of the licence. Under section 102(3)(a) of the Act, any other person may also appeal the conditions of the licence. To lodge an appeal contact the Office of the Appeals Convenor on 6467 5190 or by email at [admin@appealsconvenor.wa.gov.au](mailto:admin@appealsconvenor.wa.gov.au).

Where a licence is issued for more than one year it requires payment of an annual fee and will cease to have effect if the fee is unpaid. It is the occupier's responsibility to lodge a fee application and pay the annual fee in sufficient time to avoid incurring a late payment fee and for processing to be completed before the licence anniversary date.

If you have any queries regarding the above information, please contact Candace Godley on (08) 9080 5513.

Yours sincerely

Ed Schuller  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*

7 August 2014



# Licence

## *Environmental Protection Act 1986, Part V*

**Licensee:** Nationwide Oil Pty Ltd

**Licence:** L8120/2006/4

**Registered office:** Level 1  
159 Coronation Drive  
MILTON QLD 4064

**ACN:** 066 383 364

**Premises address:** Nationwide Oil Parkeston Facility  
Portion of Hampton Location 33 Yarri Road  
KALGOORLIE WA 6430  
As depicted in Schedule 1.

**Issue date:** Thursday, 7 August 2014

**Commencement date:** Wednesday, 20 August 2014

**Expiry date:** Monday, 19 August 2019

**Prescribed premises category**  
Schedule 1 of the *Environmental Protection Regulations 1987*

Category number	Category description	Category production or design capacity	Approved Premises production or design capacity
39	Chemical or oil recycling: premises on which waste liquid hydrocarbons or chemicals are refined, purified, reformed, separated or processed.	Not applicable	30 000 tonnes per annual period

### Conditions

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

.....  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*



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## Introduction

This introduction is not part of the Licence conditions.

### DER's industry licensing role

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

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DER works with the business owners, community, consultants, industry and other representatives 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**

Nationwide Oil Pty Ltd (NWO) is a 100% owned subsidiary of Transpacific Industries Group Ltd. NWO has operated the Parkeston facility since 1996. Prior to August 2006, the facility was licensed as part of the Loongana Lime operation (L6557/1995/11) at the same location. NWO operates a forced feed evaporator (FFE) plant at its sub-leased site at the old Loongana lime plant. The site is sub-leased from Cockburn Cement, the current occupiers of the Loongana Lime site.

The site receives waste oil and oily-water for recycling from throughout Western Australia. The waste hydrocarbons are stored in tanks to be processed through mesh filters and the FFE which removes water from the waste oil. The FFE plant uses a boiler to run its operation using some of the dehydrated fuel oil (DFO) generated from the FFE plant. The DFO is also purchased by local industry to power boilers, or is exported as fuel oil.

This Licence is the successor to licence L1234/1999/3 and includes an increase to the approved premises production capacity and change to the REFIRE format. Minor changes have also been made to the wording of some conditions.

The licences and works approvals issued for the Premises since 18/08/2006 are:

Instrument log		
Instrument	Issued	Description
L8120/2006/1	18/08/2006	New application for Licence by Nationwide Oil Pty Ltd. Due to a late licence application, a 3 month short-term licence was issued
L8120/2006/2	17/11/2006	Licence re-issue with nil conditions
L8120/2006/3	18/08/2011	Licence re-issue
L8120/2006/4	07/08/2014	Licence re-issue

**Severance**

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

END OF INTRODUCTION



## Licence conditions

### 1 General

#### 1.1 Interpretation

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

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

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

**'annual period'** means the inclusive period from 1 November until 31 October in the following year;

**'AS/NZS 5667.1'** means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

**'AS/NZS 5667.10'** means the Australian Standard AS/NZS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters*;

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

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

**'CEO'** for the purpose of correspondence means:

Manager Licensing (Goldfields)  
Department of Environment Regulation  
PO Box 10173  
KALGOORLIE WA 6433  
Telephone: (08) 9080 5555  
Facsimile: (08) 9021 7831  
Email: Goldfields@der.wa.gov.au;

**'code of practice for the storage and handling of dangerous goods'** means the document titled "Storage and handling of dangerous goods: Code of Practice" published by the Department of Mines and Petroleum, as amended from time to time;

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

**'dangerous goods'** has the meaning defined in the *Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007*;

**'environmentally hazardous material'** means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;



- 'fugitive emissions'** means all emissions not arising from point sources;
- 'Licence'** means this Licence numbered L8120/2006/4 and issued under the Act;
- 'Licensee'** means the person or organisation named as Licensee on page 1 of the Licence;
- 'NATA'** means the National Association of Testing Authorities, Australia;
- 'NATA accredited'** means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;
- 'PCBs'** means polychlorinated biphenyls;
- 'Premises'** means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;
- 'Schedule 1'** means Schedule 1 of this Licence unless otherwise stated;
- 'Schedule 2'** means Schedule 2 of this Licence unless otherwise stated;
- 'spot sample'** means a discrete sample representative at the time and place at which the sample is taken;

- 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.
- 1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.

## **1.2 General conditions**

- 1.2.1 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
- (a) pollution;
  - (b) unreasonable emission;
  - (c) discharge of waste in circumstances likely to cause pollution; or
  - (d) being contrary to any written law.
- 1.2.2 The Licensee shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
- 1.2.3 The Licensee, except where storage is prescribed in section 1.3, shall ensure that environmentally hazardous materials are stored in accordance with the code of practice for the storage and handling of dangerous goods.
- 1.2.4 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
- 1.2.5 The Licensee shall:
- (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
  - (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.<sup>1</sup>

Note1: *The Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.



### 1.3 Premises operation

- 1.3.1 The Licensee shall not process, sell or dispose of recycled oil that samples in excess of 50 parts per million of polychlorinated biphenyls, without prior approval from the CEO.
- 1.3.2 The Licensee shall store all packaged hydrocarbon contaminated waste within a bunded area.

## 2 Emissions

### 2.1 General

- 2.1.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit or target specified in any part of section 2 of this Licence.

### 2.2 Point source emissions to air

- 2.2.1 The Licensee shall ensure that where waste is emitted to air from the emission points in Table 2.2.1 it is done so in accordance with the conditions of this Licence.

<b>Emission point reference</b>	<b>Emission Point and source</b>	<b>Source, including any abatement</b>
Boiler	Boiler house stack	Dehydrated fuel oil used to operate boiler

### 2.3 Point source emissions to surface water

There are no specified conditions relating to point source emissions to surface water in this section.

### 2.4 Point source emissions to groundwater

There are no specified conditions relating to point source emissions to groundwater in this section.

### 2.5 Emissions to land

There are no specified conditions relating to emissions to land in this section.

### 2.6 Fugitive emissions

- 2.6.1 The Licensee shall use all reasonable and practical measures to prevent and where that is not practicable to minimise dust emissions from the Premises.

### 2.7 Odour

- 2.7.1 The Licensee shall ensure that odorous emissions emitted from the premises do not unreasonably interfere with the health, welfare, comfort or amenity of any person who is not on the Premises.

### 2.8 Noise

There are no specified conditions relating to noise in this section.



### 3 Monitoring

#### 3.1 General monitoring

3.1.1 The licensee shall ensure that:

- (a) all waste oil samples are collected and preserved in accordance with AS/NZS 5667.1;
- (b) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.

#### 3.2 Monitoring of point source emissions to air

There are no specified conditions relating to monitoring of point source emissions to air in this section.

#### 3.3 Monitoring of point source emissions to surface water

There are no specified conditions relating to monitoring of point source emissions to surface water in this section.

#### 3.4 Monitoring of point source emissions to groundwater

There are no specified conditions relating to monitoring of point source emissions to groundwater in this section.

#### 3.5 Monitoring of emissions to land

There are no specified conditions relating to monitoring of emissions to land in this section.

#### 3.6 Monitoring of inputs and outputs

There are no specified conditions relating to monitoring of inputs and outputs in this section.

#### 3.7 Process monitoring

3.7.1 The Licensee shall undertake the monitoring in Table 3.7.1 according to the specifications in that table.

<b>Monitoring point reference</b>	<b>Process description</b>	<b>Parameter</b>	<b>Units</b>	<b>Frequency<sup>1</sup></b>	<b>Method<sup>1</sup></b>
Any batch of oil containing transformer oil <sup>1</sup>	Oil delivered to the premises for recycling	PCBs	ppm	Each batch arriving at the premises for recycling	ASTM D4059
All untreated waste oil storage tanks	Untreated waste oil storage	PCBs	ppm	Every 12 months from each untreated waste oil storage tank located on the premises	ASTM D4059

Note 1: a minimum of 20mL representative sample of that batch is to be taken for analysis of PCBs





3.7.2 The Licensee shall store all samples collected in accordance with condition 3.7.1 for a period of 6 months.

**3.8 Ambient environmental quality monitoring**

There are no specified conditions relating to ambient environmental quality monitoring in this section.

**3.9 Meteorological monitoring**

There are no specified conditions relating to meteorological monitoring in this section.



## 4 Improvements

There are no specified improvement conditions in this section.

## 5 Information

### 5.1 Records

5.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 5.1.1(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.

5.1.2 The Licensee shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

5.1.3 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

5.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

### 5.2 Reporting

5.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 60 calendar days after the end of the annual period. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.

Table 5.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form <sup>1</sup>
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken.	None specified
5.1.3	Compliance	Annual Audit Compliance Report (AACR)
5.1.4	Complaints summary	None specified
-	Oily waste inventory including: a) 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 condition 3.7.1	None specified

Note 1: Forms are in Schedule 2



- 5.2.2 The Licensee shall ensure that the Annual Environmental Report also contains:
- (a) any relevant process, production or operational data recorded under Condition 3.1.3; and
  - (b) an assessment of the information contained within the report against previous monitoring results and Licence limits and/or targets

**5.3 Notification**

5.3.1 The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the CEO in accordance with the notification requirements of the table.

<b>Table 5.3.1: Notification requirements</b>			
<b>Condition or table (if relevant)</b>	<b>Parameter</b>	<b>Notification requirement<sup>1</sup></b>	<b>Format or form<sup>2</sup></b>
2.1.1	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5pm of the next usual working day.  Part B: As soon as practicable	N1
-	Any failure or malfunction of any pollution control equipment or any incident, which has caused, is causing or may cause pollution		
-	A receipt of an analytical result indicating the presence of polychlorinated biphenyls in excess of 40 parts per million in oil samples collected in accordance with condition 3.7.1 of this Licence. The advice shall include the total quantity received and the source of the waste oil analysed.	Within 14 days of receipt of analytical result	None specified

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

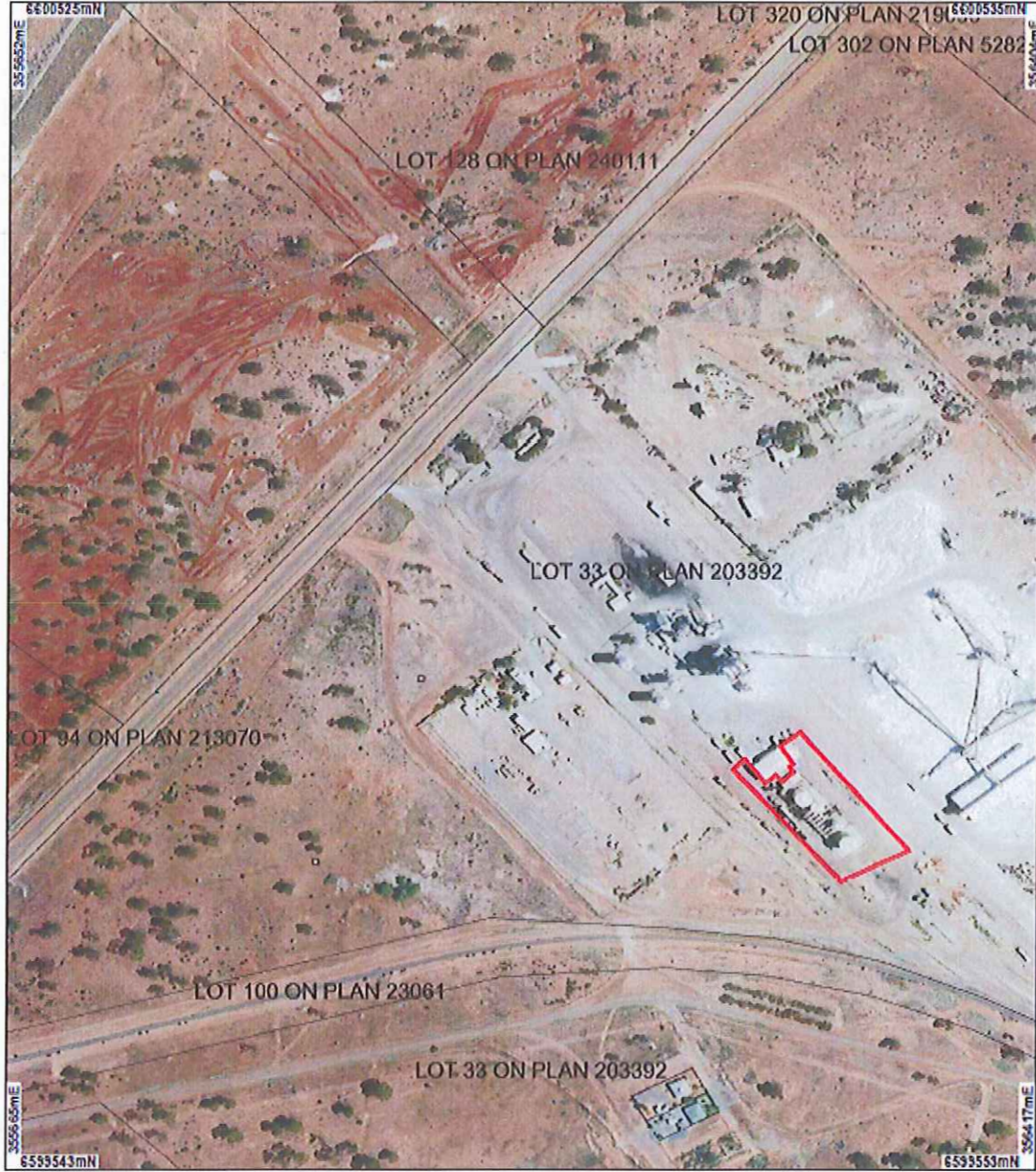
Note 2: Forms are in Schedule 2



# Schedule 1: Maps

## Premises map

The Premises is shown in the maps below. The red line depicts the Premises boundary.



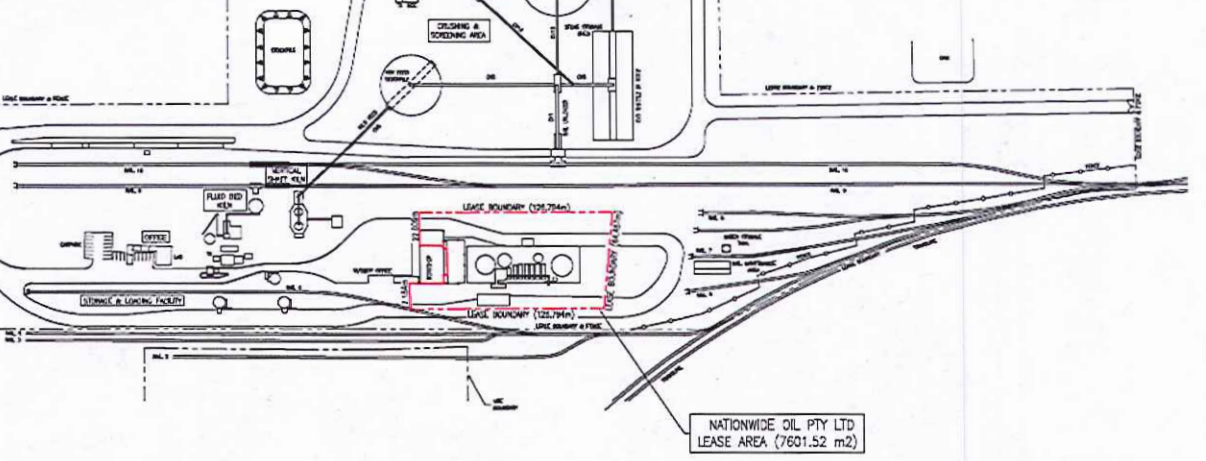
LEGEND		
<b>Cadastral</b>	<input type="checkbox"/> Water	Primary Road
<input type="checkbox"/> Field/old	<input type="checkbox"/> Other Public Land	Secondary Road
<input type="checkbox"/> Crown Reserve	Mount Keith 3043 Apr 2011	Road Centrelines_1
<input type="checkbox"/> State Forest / Timber Reserve	Mosaic	FIR
<input type="checkbox"/> Marine Park	Mines and Mineral Deposits	LRO
<input type="checkbox"/> Crown Lease	Kalgoorlie Steam Orthomosaic	LRS
<input type="checkbox"/> Lease / Reserve	- Langgote 2006	VR
<input type="checkbox"/> Lease on State Forest / Timber Reserve	Roads, 1M	H
<input type="checkbox"/> Public Roads	Limited Access Road	TI
<input type="checkbox"/> Unsubstantiated Crown Land (cont)	Other Road	
		<b>USAGE OF MOTING</b>
		<input type="checkbox"/> Lease / Reserve
		<input type="checkbox"/> Lease on State Forest / Timber Reserve
		<input type="checkbox"/> Public Roads
		<input type="checkbox"/> Unsubstantiated Crown Land
		<input type="checkbox"/> Water
		<input type="checkbox"/> Other Public Land

Scale 1:4308  
 (Approximate when reproduced at A4)  
 Geocentric Datum Australia 1994  
 Note: the data in this map have not been projected. This may result in geocentric distortion or measurement inaccuracies.  
 Prepared by: cadastre  
 Prepared for:  
 Date: 27/09/2014 1:50:32 PM

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.

Government of Western Australia  
Department of Environment Regulation  
WA Govn Copyright 2012

\* Project Data: This data has not been quality assured. Please contact map author for details.



**GAZ**  
 CIVIL DRAWING  
 Ph: (08) 9251 5249  
 Fax: (08) 9251 9835  
 Email: gaz@gazdrawing.com.au  
 www.gazdrawing.com.au

		<b>COCKBURN CEMENT</b>		SCALE: 1:1250 (A1) 1:2500 (A3)	TITLE: PARKESTON FACILITIES SITE INFRASTRUCTURE NATIONWIDE OIL PTY LTD LEASE AREA	NUMBER: C14/207B/004
		DRAWN: GLENNIS		CHECKED: 24.2.09		
		DESIGNED: [blank]		APPROVED: [blank]		
REVISION	DATE	BY	REFERENCE	DWG NO.	COCKBURN CEMENT LIMITED	ASIN NO. 008 473 470



## Schedule 2: Reporting & notification forms

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

### ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

#### SECTION A LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name:	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:



**SECTION B**  
**DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.**

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

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

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

Initial:



## SECTION C

### SIGNATURE AND CERTIFICATION

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

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

If the licence holder is		The Annual Audit Compliance Report must be signed and certified:
An individual	<input type="checkbox"/>	by the individual licence holder, or
	<input type="checkbox"/>	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"/>	by the principal executive officer of the licensee; or
	<input type="checkbox"/>	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"/>	by affixing the common seal of the licensee in accordance with the <i>Corporations Act 2001</i> ; or
	<input type="checkbox"/>	by two directors of the licensee; or
	<input type="checkbox"/>	by a director and a company secretary of the licensee, or
	<input type="checkbox"/>	if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or
	<input type="checkbox"/>	by the principal executive officer of the licensee; or
	<input type="checkbox"/>	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"/>	by the principal executive officer of the licensee; or
	<input type="checkbox"/>	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"/>	by the chief executive officer of the licensee; or
	<input type="checkbox"/>	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)





Licence: L8120/2006/4  
Form: N1

Licensee: Nationwide Oil Pty Limited  
Date of breach:

**Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.**

These pages outline the information that the operator must provide.  
Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

**Part A**

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

<b>Notification requirements for the breach of a limit</b>	
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	

<b>Notification requirements for any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution</b>	
Date and time of event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident	



### Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Nationwide Oil Pty Limited	
Date	



# Decision Document

## *Environmental Protection Act 1986, Part V*

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**Proponent:** Nationwide Oil Pty Ltd

**Licence:** L8120/2006/4

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**Registered office:** Level 1  
159 Coronation Drive  
MILTON QLD 4064

**ACN:** 066 383 364

**Premises address:** Nationwide Oil Parkeston Facility  
Portion of Hampton Location 33 Yarri Road  
KALGOORLIE WA 6430  
As depicted in Schedule 1.

**Issue date:** Thursday, 7 August 2014

**Commencement date:** Wednesday, 20 August 2014

**Expiry date:** Monday, 19 August 2019

### 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 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: Candace Godley  
Licensing Officer

Decision Document authorised by: James Milne  
Manager Licensing



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### 1 Purpose of this Document

This decision document explains how DER has assessed and determined the application for a works approval or licence, 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.

#### Works approval and licence conditions

DER has three types of conditions that may be imposed on works approvals and licences. They are as follows;

##### Standard conditions (SC)

DER has standard conditions that are imposed on all works approvals and licences regardless of the activities undertaken on the Premises and the information provided in the application. These are included as the following conditions on works approvals and licences:

Works approval conditions: 1.1.1-1.1.4, 1.2.1, 1.2.2, 5.1.1 and 5.1.2.

Licence conditions: 1.1.1-1.1.4, 1.2.1-1.2.4, 5.1.1-5.1.4 and 5.2.1.

For such conditions, justification within the Decision Document is not provided.

##### Optional standard conditions (OSC)

In the interests of regulatory consistency DER has a set of optional standard conditions that can be imposed on works approvals and licences. DER will include optional standard conditions as necessary, and are likely to constitute the majority of conditions in any licence. The inclusion of any optional standard conditions is justified in Section 4 of this document.

##### Non standard conditions (NSC)

Where the proposed activities require conditions outside the standard conditions suite DER will impose one or more non-standard conditions. These include both premises and sector specific conditions, and are likely to occur within few licences. Where used, justification for the application of these conditions will be included in Section 4.



## 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</td> <td>30 000 tonnes per annual period</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Category number(s)	Assessed design capacity	39	30 000 tonnes per annual period				
	Category number(s)	Assessed design capacity							
	39	30 000 tonnes per annual period							
Application verified	Date: 30 June 2011								
Application fee paid	Date: 18 July 2011								
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> ?	<table border="1"> <tr> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> <td>           Referral decision No:            Managed under Part V <input type="checkbox"/>            Assessed under Part IV <input type="checkbox"/> </td> </tr> </table>	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"/>						
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?	<table border="1"> <tr> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> <td>           Ministerial statement No:            EPA Report No:         </td> </tr> </table>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA Report No:						
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> )?	<table border="1"> <tr> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> <td>           Department of Water consulted Yes <input type="checkbox"/> No <input type="checkbox"/> </td> </tr> </table>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Department of Water consulted Yes <input type="checkbox"/> No <input type="checkbox"/>						
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"/> If Yes include details of which EPP(s) here.									
Is the Premises subject to any EPP requirements? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, include details here, eg Site is subject to SO <sub>2</sub> requirements of Kwinana EPP.									



### 3 Executive summary of proposal and assessment

Nationwide Oil Pty Ltd (NWO) is a 100% owned subsidiary of Transpacific Industries Group Ltd, the largest waste management company in Australasia. It operates solid and liquid waste collection, recycling, reprocessing and disposal facilities through Australia.

NWO specialises in the collection and recycling of waste hydrocarbons with non-recyclable wastes being sent for disposal. NWO operates waste oil storage facilities in Karratha, Newman and Perth. An oil recycling facility (forced feed evaporator (FFE)) is also operated by NWO at the old Loongana Lime plant at Parkeston, to the east of Kalgoorlie (NWO Parkeston facility).

The premises is located on a portion of Hampton Location 33, Yarri Road, Kalgoorlie, approximately 2.5 kilometres east of Kalgoorlie. The NWO facility is surrounded by industry on Yarri Road in Parkeston, Kalgoorlie. Access to the premises is via Yarri Road and then an internal road through the Loongana Lime Plant site. The premises is located in a highly disturbed semi-arid area. Natural vegetation in various stages of degradation surrounds the lime facility. There are no threatened ecological communities or any known rare and endangered flora or fauna in the area. There are no public drinking water or groundwater protection areas in the area.

The FFE plant was originally established by Loongana Lime in the 1990s for use in its lime kilns. In 1996 the operation was taken over by NWO although the Licence remained with Loongana Lime. In August 2006, NWO applied to have the oil recycling facility licensed under its own name as a result of the sale of Loongana Lime. The site is subleased from Cockburn Cement, the current occupiers of the Loongana Lime site.

The Parkeston facility receives waste oil and oily-water for recycling from throughout Western Australia. The waste hydrocarbons are stored in tanks to be processed through mesh filters and the FFE which removes water from the waste oil. The FFE plant uses a boiler to provide heat. The boiler uses some of the dehydrated fuel oil (DFO) generated from the FFE plant at approximately 110 litres per an hour. The DFO is also sold and used by local industry usually to power boilers, or is exported as fuel oil. The key processes of the NWO Parkeston facility are summarised in a flow chart as Figure 1 in Appendix B of this document.



## 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	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
General conditions	L1.2.5 L1.3.1 - L1.3.2	OSC NSC	DER's assessment and decision making are detailed in Appendix A	<p>Application supporting documentation</p> <p>Polychlorinated Biphenyl Waste (PCB) Chemical Control Order 1997</p> <p>ANZECC Polychlorinated Biphenyls Management Plan 2003</p> <p>National Strategy for the Management of Scheduled Waste 1992</p> <p>General provisions of the <i>Environmental Protection Act 1986</i></p>

*Impact:* Reduced local air quality

*Controls:* The proponent now commits to keeping the boiler and FFE plant maintained and operated as per manufacturer's instructions.

Risk Assessment

*Consequence: Minor, The NPI air emissions summary for the 2012/2013 period is included in Appendix B.*

*Likelihood: Rare*

*Risk Rating: Low*

Regulatory Controls

OSC 2.2.1 has been included allowing the emissions to occur from the boiler. SC 1.2.2 requires all equipment to be maintained and operated in accordance to the manufacturer's specification or any relevant and effective internal management system. The *Environmental Protection (Unauthorised Discharge) Regulations 2004* will apply if black smoke emissions occur for extended duration.

Residual Risk

*Consequence: Minor*

*Likelihood: Rare*

*Controls: Low*

National  
Environmental  
Protection Measure  
(Ambient Air Quality)





DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Point source emissions to surface water including monitoring	L2.3 and L3.3	N/A	<b>Normal Operation</b> There will be no significant point source emissions to land as a result of the operations. No conditions relating to point source emissions or the monitoring of these emissions are required for the Licence.	General provisions of the <i>Environmental Protection Act 1986</i>
Point source emissions to groundwater including monitoring	L2.4 and L3.4	N/A	<b>Normal Operation</b> There will be no significant point source emissions to surface water as a result of the operations. No conditions relating to point source emissions or monitoring of these emissions are required for the Licence.	General provisions of the <i>Environmental Protection Act 1986</i>
Emissions to land including monitoring	L2.5 and L3.5	N/A	<b>Normal Operation</b> No significant emissions to land are expected during the operation of the facility. All waste is stored within bunded areas with internal sumps. Waste from the site sumps is removed from site for treatment at the Kalgoorlie Total Waste Management Liquid facility.	<i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>
Fugitive emissions	L2.6.1	OSC	<b>Normal Operation</b> <u>Emission Description</u> <i>Emission:</i> Dust generated from the movement of vehicles, materials handling and open areas <i>Impact:</i> Dust emissions can be harmful to human health and the environment. Elevated total suspended particulates (TSP) can impact ambient environmental quality resulting in amenity impacts and can smother vegetation. Particulate matter that are less than 10 (PM <sub>10</sub> ) or 2.5 (PM <sub>2.5</sub> ) micrometres in diameter can be drawn deep into the lungs causing human health impacts. The chemical and physical properties of the particles, the size of the particles and the duration of exposure are all factors which may affect human health. <i>Controls:</i> The Licensee uses a water cart to control dust emissions when necessary.	Application supporting documentation  <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i>



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L= Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
			<p><u>Risk Assessment</u> <i>Consequence: Moderate</i> <i>Likelihood: Possible</i> <i>Residual Risk: Moderate</i></p> <p><u>Regulatory Controls</u> OSC 2.6.1 has been included on the Licence to ensure adequate management of fugitive dust emissions on site.</p> <p><u>Residual Risk</u> <i>Consequence: Minor</i> <i>Likelihood: Possible</i> <i>Residual Risk: Moderate</i></p>	
Odour	L2.7.1	NSC	<p><b>Abnormal Operation</b> <u>Emission Description</u> <i>Emission:</i> Odours emitted if combustion of fuels to power the equipment on site is not complete. <i>Impacts:</i> Negative impacts on health, welfare, comfort or amenity of nearby residents or persons. <i>Controls:</i> NWO uses a preventative maintenance regime with regular checks of the boiler operation on a daily basis.</p> <p><u>Risk Assessment</u> <i>Consequence: Minor, due to the small combustion volumes, these emissions would not be expected to extend as far as the nearest residential receptor.</i> <i>Likelihood: Unlikely</i> <i>Risk Rating: Moderate</i></p>	<p>Application supporting documentation</p> <p><i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i></p> <p>General provisions of the <i>Environmental Protection Act 1986</i></p>



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
			<p><u>Regulatory Controls</u> OSC 2.7.1 has been included from the Licence to ensure adequate management of odour emissions so as not to unreasonably interfere with the health, welfare, comfort or amenity of any person who is not on the Premises.</p> <p><u>Residual Risk</u> <i>Consequence: Insignificant</i> <i>Likelihood: Unlikely</i> <i>Risk Rating: Low</i></p>	
Noise	L2.8	N/A	<p><b>Normal Operation</b> There will be no significant noise emissions as a result of the operations of this facility. No specific conditions relating to noise are required for the Licence.</p>	<i>Environmental Protection (Noise) Regulations 1997</i>
Monitoring general	L3.1.1	OSC	OSC 3.1.1 has been included in the Licence to ensure all samples are collected, handled and preserved in accordance with the relevant part of Australian Standard 5667:1998 and that all samples are submitted to a laboratory with current NATA accreditation.	General provisions of the <i>Environmental Protection Act 1986</i>
Monitoring of inputs and outputs	L3.6	N/A	No specified conditions relating to monitoring of inputs and outputs are required to be added to the Licence.	
Process monitoring	L3.7.1-L3.7.2	NSC	There is the potential for PCBs to be contained in the waste oil delivered to the premises for recycling. Process monitoring has been included in the Licence for the monitoring of PCBs in all incoming batches of oil containing transformer oil delivered to the premises for recycling. Monitoring of PCBs every 12 months from each untreated waste oil storage tank located on the premises has also been included in the Licence. The Licensee shall not process, sell or dispose of recycled oil which is in excess of 50ppm of	<p>Polychlorinated Biphenyl (PCB) Chemical Control Order 1997</p> <p>ANZECC Polychlorinated</p>

	be added to the Licence.	
N/A	No specified improvement conditions are required for the Licence at this time.	
N/A	Standard conditions relating to the management of records and complaints, notification requirements and the submission of an Annual Audit Compliance Report and an Annual Environmental Report have been added to the Licence. The Licensee is also required to record oily waste receipt inventory including the volume of each load received at the premises, the origin of each load of waste oil and the concentration of PCB's in each sample tested in accordance with process monitoring condition 3.7.1 to be submitted as part of the Annual Environmental Report.	General provisions of the <i>Environmental Protection Act 1986</i>
N/A	This Licence will be issued for five years as this site is not considered a high-risk premise.	



## 5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
24/07/2014	Proponent sent a copy of draft instrument	No comments received	
28/07/2014	Application advertised in West Australian (or other relevant newspaper)	No comments received	



## 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



## Appendix A

### General Conditions - *Emission Risk Assessment*

#### Normal Operation

##### Emission Description

*Emission:* Stormwater contaminated with environmentally hazardous materials.

*Impact:* Potential contamination of surrounding land and surface water drainage systems.

*Controls:* Surface water run-off is captured within bunded areas where it is directed to sumps then pumped to storage tanks for treatment and/or disposal offsite by Total Waste Management.

##### Risk Assessment

*Consequence:* Minor

*Likelihood:* Unlikely

*Risk Rating:* Moderate

##### Regulatory Controls

OSC 1.2.5 has been included in the Licence to ensure appropriate management of contaminated stormwater. NSC 1.3.2 has also been included in the Licence to ensure the Licensee stores all packaged hydrocarbon waste within a bunded area to prevent further potential contamination.

##### Residual Risk

*Consequence:* Minor

*Likelihood:* Unlikely

*Risk Rating:* Moderate

#### Normal Operation

##### Emission Description

*Emission:* PCBs may be contained within the waste oil delivered to the premises for recycling, in particular waste oil from transformers.

*Impact:* PCBs are a type of organic compound regarded as a persistent organic pollutant. PCB production was banned by the Stockholm Convention on Persistent Organic Pollutant in 2001 where toxic effects include endocrine disruption and neurotoxicity. PCBs have a high flash point (170 to 380 degrees Celsius) and are regarded as a stable compound which does not decompose readily.

*Controls:* The Licensee currently monitors for the presence of PCBs as per Licence conditions, no other controls have been put in place by the Licensee.

##### Risk Assessment

*Consequence:* Moderate

*Likelihood:* Likely

*Risk Rating:* High

##### Regulatory Controls

NSC 1.3.1 has been included to ensure the Licensee does not process, sell or dispose of recycled oil that samples in excess of 50 parts per million of polychlorinated biphenyls without prior approval from the CEO. The Licensee is also required to carry out process monitoring for PCBs from both incoming batches of oil delivered to the premises for recycling and untreated waste oil storage tanks every 12 months on site. The Licensee is required to notify the CEO upon the receipt of an analytical result indicating the presence of PCBs in excess of 40 parts per million.

##### Residual Risk

*Consequence:* Minor

*Likelihood:* Possible

*Risk Rating:* Moderate



## Appendix B

Table 1: NPI Air Emissions Summary for 2012/13

Waste Type (Air Emission)	2012/13 NPI Emission Data (converted from kg/year to g/min)
Carbon Monoxide	0.83
Chromium	0.003
Oxides of Nitrogen	4.354
Sulphur Oxides	0.221
Particulates	8.499
VOCs	0.171
Lead	0.09
Cadmium	0.001
Nickel	0.002
Other Wastes	0.0004





Figure 1: Process Flow Diagram for NWO Kalgoorlie Operations

