



Government of Western Australia  
Department of Environment and Conservation

Your ref: L8740/2013/1  
Our ref: 2013/001608  
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Mr Ashley McKinnon  
Nationwide Oil Pty Ltd  
32 Ewing Street  
BENTLEY WA 6102

Dear Mr McKinnon

**ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED**

**Premises**

Nationwide Oil  
Lot 203 on Plan 2731, Certificate of Title Volume 2049 Folio 192  
**Licence Number:** L8740/2013/1

A licence under the *Environmental Protection Act 1986* (the Act) has been granted for the above premises. The Department of Environment and Conservation 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 Josephine Tuohy on 9333 7510.

Yours sincerely

Mike Meinema  
Officer delegated under Section 20  
of the *Environmental Protection Act 1986*

Thursday, 9 May 2013

enc:

copy to: Local Government Authority: City of Canning



# Licence

## *Environmental Protection Act 1986, Part V*

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**Licensee:** Nationwide Oil Pty Ltd  
**Licence:** L8740/2013/1

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

**ACN** 066 383 364

**Premises Address:** Nationwide Oil  
32 Ewing Street  
BENTLEY WA 6102  
Being Lot 203 on Plan 2731 as depicted in Schedule 1.

**Issue date:** Thursday, 9 May 2013

**Commencement date:** Monday, 13 May 2013

**Expiry date:** Saturday, 12 May 2018

**Prescribed Premises Category**  
Schedule 1 of the Environmental Protection Regulations 1987

Category number	Category description	Category production or design capacity	Premises production or design capacity
62	Solid waste depot – premises on which waste is stored or sorted pending final disposal or re-use	500 tonnes or more per year	2,000 tonnes

### Conditions of Licence

Subject to the conditions of licence set out in the attached pages.



Mike Meinema  
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.

### Premises Description and Licence Summary

#### Who we are

The Department of Environment and Conservation (DEC) is a Government Department in the portfolio of the Minister for the Environment. Our purpose is to protect and conserve the State's environment on behalf of the people of Western Australia.

#### Our industry licensing role

DEC has responsibilities under Part V of the *Environmental Protection Act 1986* for the licensing of prescribed premises. We also monitor and audit compliance with works approvals and licence conditions, take enforcement action as appropriate and develop and implement licensing and industry regulation policy.

#### Licence requirements

This licence is issued under Part V of the *Environmental Protection Act 1986*. Conditions contained with the licence relate to the prevention, reduction or control of emissions and discharges 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 *Environmental Protection Act 1986* and any other statutory instrument. These 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 should comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply. Additional guidance on pollution prevention can be found in the Department of Water's Water Quality Protection Guidelines and Codes of Practice accessed through:

<http://www.water.wa.gov.au/Managing+water/Water+quality/Water+quality+protection+guidelines/default.aspx>

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 *Environmental Protection Act 1986* you may have had conditions imposed by the Minister for the Environment. You are required to comply with any conditions imposed by the Minister.

#### **Premises description and Licence summary**

Nationwide Oil Pty Ltd (NWO) operates a solid waste depot with a production capacity of 2,000 tonnes per year. The site located at 32 Ewing Street, Bentley, the area is zoned 'general industry' within the City of Canning. The closest residential premises are located 150 metres north and to the south west of the premises. The site has an area of 8094m<sup>2</sup>.

NWO has a current licence L8272/2008/2 with the DEC at 113 Ewing Street Bentley. The site is licensed under category 39 (chemical or oil recycling) and category 62 (solid waste depot). NWO is proposing to move the solid waste depot operations to the new to allow for more space.

NWO proposes to aggregate solid hydrocarbon wastes that arrive in small containers into large bins for disposal or recycling. There will be no treatment of waste.

This Licence is for the operation of new facility established under works approval W5263/2012/1.

#### **Instrument Log**

Instrument	Issued	Description
L8740/2013/1	9 May 2013	New application

#### **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 In the Licence, unless the contrary intention appears:

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

**"annual"** means the period from 1 April until 31 March in the following year;

**"Code of Practice for the Storage and handling of dangerous goods"** means the Storage and handling of dangerous goods, Code of Practice, Dept of Mines and Petroleum, Government of Western Australia,

**"contact address"** for the purpose of correspondence and advice means:

Regional Leader, Swan Region  
Department of Environment and Conservation  
Locked Bag 104  
BENTLEY DELIVERY CENTRE WA 6983  
Telephone: (08) 9333 7510  
Facsimile: (08) 9333 7550

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

**"Director"** means Director, Environmental Regulation Division of the Department of Environment and Conservation for and on behalf of the Chief Executive Officer as delegated under Section 20 of the *Environmental Protection Act 1986*;

**"environmentally hazardous material"** means material (either solid or liquid) which if discharged into the environment from or within the premises may cause pollution or environmental harm;

**"fugitive emissions"** means all emissions not arising from point sources identified in Sections 2.2, 2.3, 2.4 and 2.5;

**"hardstanding"** means a surface with a permeability of  $10^{-9}$  metres/second or less;

**"Licence"** means this Licence numbered L8740/2013/1 and issued under the *Environmental Protection Act 1986*;

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

**"placard quantity"** has the meaning defined in the Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007;



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

**"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 current version of that standard.

## 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 maintain all pollution control and monitoring equipment to the manufacturer's specification or any internal management system.
- 1.2.3 The Licensee, except where storage is prescribed in section 1.3, shall only store substances that are classed as dangerous goods below placard quantities or environmentally hazardous materials not classified as dangerous goods if they 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.

### Stormwater control

- 1.2.5 The Licensee shall ensure that uncontaminated stormwater is kept separate from contaminated or potentially contaminated stormwater. Where stormwater has come into contact with a possible source of contamination, it should be treated as contaminated.

## 1.3 Premises operation

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

Table 1.3.1: Waste acceptance					
Waste		Quantity Limit	Specification		
Contaminated	Solid	2,000 tonnes per annum	Solid waste	contaminated	with
Waste			hydrocarbons		

- 1.3.2 The Licensee shall ensure that where waste does not meet the waste acceptance criteria set out in condition 1.3.1 it is removed from the Premises by the delivery vehicle or, where that is not possible, stored in a segregated storage area or container and removed to an appropriately authorised facility as soon as practicable.
- 1.3.3 The Licensee shall ensure that wastes accepted onto the Premises are only subjected to the process(es) set out in Table 1.3.2 and in accordance with any process limits described in that Table.



Table 1.3.2: Waste processing		
Waste type	Process	Process limits
Solid waste contaminated with hydrocarbons	Receipt, handling, mechanical and hand sorting and storage prior to disposal.	<ul style="list-style-type: none"><li>Only to be stored and sorted within an enclosed building provided with hardstanding and bunded to prevent run-off.</li></ul>

- 1.3.4 The Licensee shall implement the following security measures at the site:
- (a) erect and maintain suitable fencing to prevent unauthorised access to the site;
  - (b) ensure that any entrance gates to the premises are securely locked when the premises are unattended; and
  - (c) undertake regular inspections of all security measures and repair damage as soon as practicable.
- 1.3.5 The Licensee shall take all reasonable and practical measures to ensure that no windblown litter escapes from the Premises.
- 1.3.6 The Licensee shall ensure that no waste is burnt on the premises.



## **2 Emissions**

### **2.1 General**

- 2.1.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit, and/or target in this section.

#### **2.2-2.4 Point source emissions to air, surface water and groundwater**

There are no specified conditions relating to point source emissions to air, surface water or 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.
- 2.6.2 The Licensee shall ensure that no visible dust generated by the activities of the Premises crosses the boundary of the Premises.

### **2.7 Odour**

- 2.7.1 The Licensee shall ensure that odour emitted from the Premises does not unreasonably interfere with the health, welfare, convenience, 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

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

### 3.2-3.4 Monitoring of point source emissions to air, surface water and groundwater

There are no specified conditions relating to monitoring of point source emissions to air, surface water or 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

3.6.1 The Licensee shall undertake the monitoring specified in Table 3.6.1.

**Table 3.6.1 Monitoring of inputs and outputs**

Input/Output	Parameter	Units	Averaging Period	Frequency
Waste Inputs	Contaminated Solid Waste	m <sup>3</sup>	N/A	Each load arriving at the Premises
Waste Outputs	Waste type as defined in the Landfill Waste Classification and Waste Definitions 1996			Each load leaving or rejected from the Premises

### 3.7 Process monitoring

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

### 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

### 4.1 Improvement Programme

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 or any subsequent licence:
  - (i) off-site environmental effects; or
  - (ii) matters which affect condition of the land or groundwater.

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 year.

5.1.4 The Licence 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.

5.1.5 The Licensee shall:

- (a) implement and maintain a system which ensures that a record is made of:
  - (i) the waste types and quantities accepted at the Premises;
  - (ii) the waste types and quantities removed from the Premises;
  - (iii) loads rejected from the Premises including the reason for rejection.

### 5.2 Reporting

5.2.1 The Licensee shall submit to the Director at the Contact Address an annual environmental report within 28 calendar days after of 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 or any incidents that have occurred during the year and any action taken	None specified
5.1.3	Compliance	AACR
5.1.4	Complaints summary	None specified
5.1.5	Summary of wastes rejected from the Premises	None specified

Note 1: Forms are in Schedule 2



### 5.3 Notification

5.3.1 The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the Director at the Contact Address and in accordance with the notification requirements of the table.

Table 5.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
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.	N1
-	Any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	Part B: As soon as practicable	

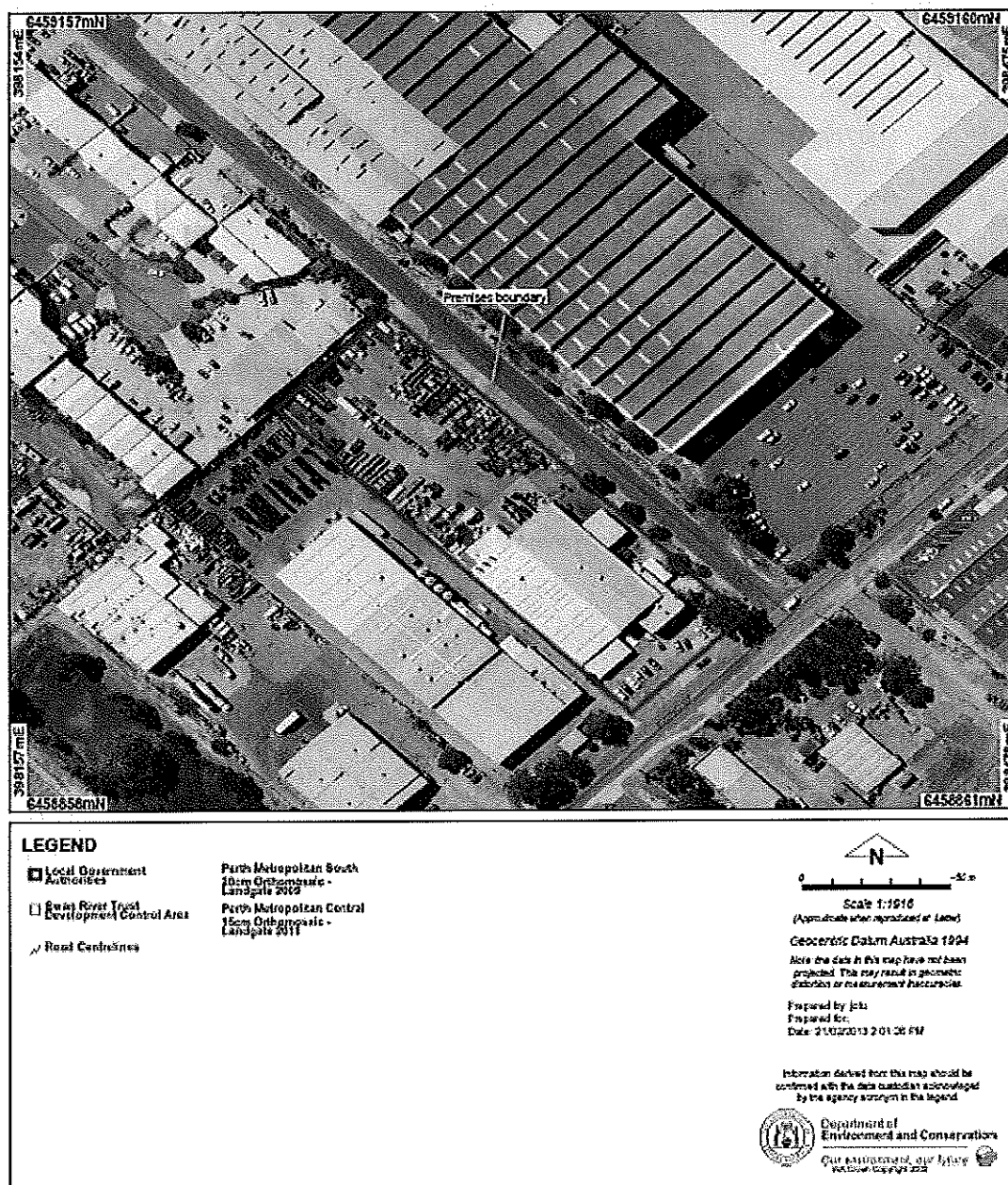
Note 1: No notification requirement in the Licence shall negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2

## Schedule 1: Maps

### Premises map

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





## Schedule 2: Reporting & Notification Forms

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

The original monitoring reports must also be submitted.

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Licence: L8470/2013/1 Licensee: Nationwide Oil Pty Ltd  
Form: AACR Period:  
Name: Annual Audit Compliance Report

### Annual Audit Compliance Report

#### Section A: Statement of compliance with Licence conditions

Were all conditions of licence complied with within the reporting period?		
Yes	<input type="checkbox"/>	Initial Sections A & B, then proceed to Section C
No	<input type="checkbox"/>	Initial Section A, then 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

a) Licence condition not complied with?	
b) Date(s) b) Date(s) and time(s) the non compliance occurred, if applicable?	
c) Was this non compliance reported to DEC?	
<input type="checkbox"/> Yes, and  <input type="checkbox"/> Reported to DEC verbally    Date  <input type="checkbox"/> Reported to DEC in writing    Date	<input type="checkbox"/> No
d) Has DEC taken, or finalised any action in relation to the non compliance?	
e) Summary of particulars of 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	

Please use a separate page for each Licence condition that was not complied with. Each page must be initialised by the person(s) who signs Section C of this AACR

Initial:



### Section C: Signature and certification

This AACR may only be signed by a person(s) with legal authority to sign it as defined 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 AACR 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 (CEO) of DEC to sign on the Licensee's behalf.
a corporation	<input type="checkbox"/>	by affixing the common seal of the Licensee in accordance with the Corporations Act 2001; 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 CEO of DEC.
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 CEO of DEC.
a local government	<input type="checkbox"/>	by the CEO 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 AACR 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: L8740/2013/1  
Form: N1

Licensee: Nationwide Oil Pty Ltd  
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	

Notification requirements for the breach of a limit	
To be notified as soon as practicable and no later than 5PM of the next working day	
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	

Notification requirements for any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	
To be notified as soon as practicable and no later than 5PM of the next working day	
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 - to be submitted as soon as practicable

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 unauthorised emissions from the installation in the preceding 24 months.	

Name*	
Post	
Signature on behalf of Nationwide Oil Pty Ltd	
Date	



**WORKS APPROVAL NUMBER:** W5263/2012/1  
**WORKS APPROVAL FILE NUMBER:** 2012/6092  
**APPLICATION DATE:** 15 August 2012  
**EXPIRY DATE:** 28/02/2016

## PREMISES DETAILS

### LICENCE HOLDER

Nationwide Oil Pty Ltd  
Level 1, 159 Coronation Drive  
MILTON QLD 4064  
ACN: 066 383 364

### PREMISES

Nationwide Oil  
Lot 203 on Plan 2731 (32 Ewing Street)  
BENTLEY WA 6102

### PRESCRIBED PREMISES CATEGORY

Table 1: Prescribed Premises Category from Schedule 1 of the Environmental Protection Regulations 1987

Category number	Description	Category Production or Design Capacity*	Premises Production or Design Capacity #	Premises Fee Component**
62	Solid waste depot	500 tonnes or more per year	2,000 tonnes per year	More than 500 but not more than 5000 tonnes per year

\* From Schedule 4 of the Environmental Protection Regulations 1987

# from application

\*\* From Schedule 4 of the Environmental Protection Regulations 1987

This Environmental Assessment Report (EAR) has been drafted for the purposes of detailing information on the management and mitigation of emissions and discharges from the prescribed premises. The objective of the EAR is to provide a risk assessment of emissions and discharges, and information on the management of other activities occurring onsite which are not related to the control of emissions and discharges from the prescribed premises activity. This does not restrict DEC to assessing only those emissions and discharges generated from the activities that cause the premises to become prescribed premises.

### Basis of Assessment

Nationwide Oil (NWO) which has been assessed as "prescribed premises" category number 62, under Schedule 1 of the Environmental Protection Regulations 1987.

- Category 62: Solid waste depot: Premises on which waste is stored, or sorted pending final disposal or reuse;

NWO is proposing to accept solid hydrocarbon waste in small containers and then redistribute them into larger containers for disposal or recycling. Nominated rate of throughput for the premises will be 2,000 tonnes per year.



NWO has a current licence (L8272/2008/2) with the Department of Environment and Conservation (DEC) at 113 Ewing Street, Bentley. The site is licensed under category 39 (chemical or oil recycling) and category 62 (solid waste depot). NWO is proposing to move the solid waste depot operations to the new site located at Lot 203 on Plan 2731 (32 Ewing Street, Bentley) to allow for more space.

NWO has indicated that no construction works will be undertaken on the premises, however, NWO's proposed activities will cause this premises to become a prescribed premises. A works approval is therefore required in accordance with Section 52 of the *Environmental Protection Act 1986*.

## **1.0 BACKGROUND**

### **1.1 GENERAL COMPANY DESCRIPTION**

Nationwide Oil (NWO) is a subsidiary of Transpacific Industries Group Ltd and is a provider of comprehensive waste and environmental services in Australia and New Zealand. NWO specialises in the collection, recycling and disposal of hydrocarbon wastes throughout Australia.

Transpacific Industries Group has occupational health and safety (OHS), quality and environmental assurance certification for its National Integrated Management System (NIMS) under SAI Global.

NWO collects bulk and packaged waste hydrocarbons as well as solid wastes affected by hydrocarbons such as oily rags, filters and hoses and brings these to premises in Newman, Kalgoorlie and Welshpool for storage, treatment, recycling or aggregation. NWO also operates a forced feed evaporator in Kalgoorlie that treats waste oil to allow for its reuse.

### **1.2 LOCATION OF PREMISES**

The premises will be located in an area classified as 'general industry' zone within the City of Canning. All neighbours are industrial premises. The site was previously used as a fabrication and maintenance centre, including storage of waste bins. The closest residential properties are located approximately 150 metres north and to the south west of the proposed premises. The Bentley Shopping Centre is located approximately 150m to the west. A compensation basin is located approximately 100m west of the site.

The Environmental Protection Authority – Guidance for the Assessment of Environmental Factors – Separation Distances between Industrial and Sensitive Land Uses recommends buffer distance of 200 metres with the environmental concerns of dust, noise and odour.

The site has been cleared of vegetation. The site has an area of 8094m<sup>2</sup> that includes one large shed that includes offices and ablutions with the rest of the area being hardstand / sealed. The site has an existing covered washbay with wastewaters being treated prior to being discharged to sewer. The existing washbay complies with the requirements of The Department of Water's Water Quality Protection Note 68 'Mechanical equipment washdown'. Wastewater will be treated on site via a triple interceptor and a 3000 litre per hour oily-water separator prior to being discharging to sewer. The wastewater will meet the industrial wastewater requirements stipulated by Water Corporation. Water Corporation has issued NWO with an Industrial Waste Permit 40169.



### **1.3 PROPOSAL DESCRIPTION**

NWO proposes to aggregate solid hydrocarbon wastes that arrive in small containers into large bins for disposal or recycling. There will be no processing or treatment of the waste.

Waste will be transported in trucks from the existing site at 113 Ewing Street to 32 Ewing Street Bentley. NWO has a current controlled waste carrier licence. The waste will include oily rags, oil filters and hoses, small waste oil containers and hydrocarbon contaminated solid wastes. The waste will be taken inside the existing shed that is completely sealed with a concrete floor.

Waste will then be repackaged and waste oil will be recovered into IBCs for transfer to NWO's waste oil storage facilities at 113 Ewing Street. The IBC's will be located on bunded pallets to contain spills or leaks. Once two bins are full, they will be removed for disposal. Recyclable material such as filters will be transferred to the oil filter press at 113 Ewing Street.

The amount of liquid waste expected to be handled on site will be approximately 25,000 to 50,000 litres per year, therefore NWO does exceed the prescribed limit of category 61 under Schedule 1 of the Environmental Protection Regulations 1987.

Other activities that occur at the premises will include:

- Servicing and maintenance of equipment, including painting (not NWO)
- Storage of products for sale (not NWO)
- Parking of vehicles
- Storage of bins

All waste will be removed from site in accordance with the Environmental Protection (Controlled Waste) Regulations 2004. Disposal of solid waste will be to a landfill licensed to accept the waste in accordance with the Landfill Waste Classification and Waste Definitions 1996 (as amended).

### **1.4 REGULATORY CONTEXT**

#### **1.4.1 Part IV Environmental Protection Act 1986, Environmental Impact Assessment**

The premises has not been assessed under Part IV of the *Environmental Protection Act 1986*.

#### **1.4.2 Part V Environmental Protection Act 1986, Environmental Management**

The proposal has been assessed under category numbers 62: solid waste depot within Schedule 1 of the Environmental Protection Regulations 1987. DEC will administer following legislation to regulate activities on the premises:

- *Contaminated Sites Act 2003*;
- *Contaminated Sites Regulations 2006*;
- *Environmental Protection (Controlled Waste) Regulations 2004*;
- *Environmental Protection (Noise) Regulations 1997*; and
- *Environmental Protection (Unauthorised Discharge) Regulations 2004*.

#### **1.4.3 Other DMA's Legislation which applies**

- *Dangerous Goods Safety Act 2004*;
- *Waste Avoidance and Resource Recovery Act 2007*;
- *Waste Avoidance and Resource Recovery Regulations 2008*; and
- *Occupational Safety and Health Act 1984*.



**1.4.4 Local Government Authority**

The site has local government approval with the City of Canning.

## **2.0 STAKEHOLDER AND COMMUNITY CONSULTATION**

### **SUBMISSIONS RECEIVED DURING 21 DAY PUBLIC COMMENT PERIOD**

The application for works approval details for this facility were advertised in the West Australian newspaper on 22 April 2013 as a means of advising stakeholders and to seek public comments. No submissions were received.

## **3.0 EMISSIONS AND DISCHARGES RISK ASSESSMENT**

DEC considers that conditions should focus on regulating emissions and discharges of significance. Where appropriate, emissions and discharges which are not significant should be managed and regulated by other legislative tools or management mechanisms.

The following section assesses the environmental risk of potential emissions from Nationwide Oil. In order to determine the site's appropriate environmental regulation, an emissions and discharges risk assessment was conducted of the Nationwide Oil using the environmental risk matrix outlined in Appendix A. The results of this are summarized in Table 2.



**Table 2: Risk assessment and regulatory response summary table.**

Risk factor	Significance of emissions	Socio-Political Context of Each Regulated Emission	Risk Assessment	DEC Regulation (EP Act - Part V)	EAR Reference	Other management (legislation, to ols, agencies)
Air emissions (point source)	Construction and Operation: N/A. No point sources of air emissions are expected during construction and operation.	N/A.	N/A.	WA - No conditions LIC - No conditions.	N/A	General provisions of the <i>Environmental Protection Act 1986</i> .
Dust emissions	Construction: 1 Significant dust emissions are not expected during construction, as existing infrastructure on premises.  Operations: 1 Significant dust emissions are not expected to be emitted during operation as the type of waste brought onsite will include oily rags, filters and hoses. Waste segregation and storage will be undertaken on the premises prior to offsite disposal. No further processing of waste will be undertaken.	Low: The closest residential premises are 150 metres from the site which is nearer than the buffer distance recommended by EPA. However the premises is within Industrial area and there is no community interest or concern.	E - No regulation, other management mechanisms	WA - No conditions LIC - No conditions	N/A	General provisions of the <i>Environmental Protection Act 1986</i> .
Odour emissions	Construction: 1 Odour is not expected to be emitted during construction as existing infrastructure on premises.  Operations: 1 There is potential for odour to be emitted from the site due to activities such as storage and handling of hydrocarbon wastes. NWO has committed that waste will be kept inside containers and bins and all operations will be done inside an existing shed. No processing of waste will be undertaken on the premises.	Low: The closest residential premises are 150 metres from the site which is nearer than the buffer distance recommended by EPA. However the premises is within Industrial area and there is no community interest or concern.	E - No regulation, other management mechanisms	WA- No conditions LIC- No conditions	N/A	General provisions of the <i>Environmental Protection Act 1986</i> .
Noise emissions	Construction: 1 Noise is not expected to be emitted during construction as infrastructure is already existing onsite.  Operations: 1 There is a potential for noise to be emitted from operation of forklifts and loading- unloading of waste. NWO has committed that all activities will be carried out inside the existing shed and operating hours will be restricted to 9am to 5pm.	Low: The closest residential premises are 150 metres from the site which is nearer than the buffer distance recommended by EPA. However the premises is within Industrial area and there is no community interest or concern.	E - No regulation, other management mechanisms	WA- No conditions LIC- No conditions	N/A	Environmental Protection (Noise) Regulations 1997. Commitments given by NWO in the works approval application and supporting documentation.
Light emissions	Construction: 1 Light is not expected to be emitted	Low: The closest residential	E - regulation, other	WA- No conditions	N/A	General provisions of



Risk factor	Significance of emissions	Socio-Political Context of Each Regulated Emission	Risk Assessment	DEC Regulation (EP Act - Part V)	EAR Reference	Other management (legislation, to ois, agencies)
Light emissions continued.	during construction as infrastructure is already existing onsite.  Operations: 1 Light emissions are not expected to be significant during operations, as the site will be operated during normal working hours of 9am to 5pm.	premises are 150 metres from the site which is nearer than the buffer distance recommended by EPA. However the premises is within Industrial area and there is no community interest or concern.	management mechanisms	LIC- No conditions		the <i>Environmental Protection Act 1986</i> .
Discharges to water	Construction: N/A. No direct discharge to surface water is expected during construction.  Operations: 1 NWO has a Water Corporation trade waste licence for the discharge of the washbay wastewater to sewer. The wastewater will be generated from cleaning vehicles only.	Low: The closest residential premises are 150 metres from the site which is nearer than the buffer distance recommended by EPA. However the premises is within Industrial area and there is no community interest or concern.	E - regulation, other management mechanisms	WA - No conditions LIC - no conditions	N/A	Environmental Protection (Unauthorised Discharge) Regulations 1997.  Water Quality Protection Note 52: Stormwater Management at Industrial Sites.
Discharges to land	Construction: N/A. No direct discharge to land is proposed during construction,  Operations: 1 Discharges to land are not expected to be significant as all stormwater will be re-directed to existing sumps. Only treated wastewater will be discharged to sewer. NWO has suitable spill management plan and has committed to appropriately storing waste within bunded areas to prevent discharge to land.	Low: The closest residential premises are 150 metres from the site which is nearer than the buffer distance recommended by EPA. However the premises is within Industrial area and there is no community interest or concern.	E - regulation, other management mechanisms	WA - no conditions LIC - Standard stormwater management conditions.	N/A	Environmental Protection (Unauthorised Discharge) Regulations 1997.
Solid / liquid wastes	Construction: N/A. Significant quantities of solid/ liquid	Low: The closest residential	E - regulation, other	WA - No conditions		Environmental Protection



Risk factor	Significance of emissions	Socio-Political Context of Each Regulated Emission	Risk Assessment	DEC Regulation (EP Act - Part V)	EAR Reference	Other management (legislation, to ols, agencies)
Solid / liquid wastes continued	waste will not be generated during construction.  Operations: 1 Liquid waste will be stored in IBC's to be transferred to NWO's site at 113 Ewing Street which has a waste oil storage facility. There is a potential for liquid waste to be spilt and contaminate the site. NWO has submitted a Spill Management Plan for the site that includes the use of spillsorb and a bund around the boundary of the shed.	premises are 150 metres from the site which is nearer than the buffer distance recommended by EPA. However the premises is within Industrial area and there is no community interest or concern.	management mechanisms	LIC – standard conditions on the storage of waste and acceptance of waste.		(Controlled Waste) Regulations 2004.  Environmental Protection (Unauthorised Discharge) Regulations 1997.
Hydrocarbon/ chemical storage	Construction: N/A There are no hydrocarbons or chemicals to be stored on site during construction.  Operations: 1 NWO propose to store minor quantities of hydrocarbons onsite that will be kept within bunded areas.	Low: The closest residential premises are 150 metres from the site which is nearer than the buffer distance recommended by EPA. However the premises is within Industrial area and there is no community interest or concern.	E - regulation, other management mechanisms	WA – No conditions LIC – Standard conditions for management of hydrocarbons.		Code of Practice for the Storage and Handling of Dangerous Goods, 2004.  Environmental Protection (Unauthorised Discharges) Regulations 2004.
Native vegetation clearing	Construction and Operation: N/A The premises will be located in a previously cleared area within industrial zone. No additional vegetation will be cleared.	N/A	N/A	WA – N/A LIC – N/A	N/A	Environmental Protection (Clearing of Native Vegetation) Regulations 2004.
Contaminated site identification	Construction and Operation: N/A This site is not reported as a contaminated site.	N/A	N/A	WA – N/A LIC – N/A	N/A	Contaminated Sites Act 2003.

## 4.0 GENERAL SUMMARY AND COMMENTS

Emissions and discharges associated with activities at NWO's proposed solid waste sorting and recycling facility will not be significant if managed in accordance with this works approval and commitments given by NWO. Standard conditions relating to waste acceptance criteria, complaints register, stormwater management and annual reporting should be included in the licence conditions.

No significant environmental issues have been identified with this operation. The premises have been assessed as low risk premises to the environmental sensitive receptors. It is recommended that the licence be issued for three years.





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## APPENDIX A: EMISSIONS AND DISCHARGES RISK ASSESSMENT MATRIX

**Table 3: Measures of Significance of Emissions**

Emissions as a percentage of the relevant emission or ambient standard		Worst Case Operating Conditions (95 <sup>th</sup> Percentile)			
		>100%	50 – 100%	20 – 50%	<20%*
Normal Operating Conditions (50 <sup>th</sup> Percentile)	>100%	5	N/A	N/A	N/A
	50 – 100%	4	3	N/A	N/A
	20 – 50%	4	3	2	N/A
	<20%*	3	3	2	1

\*For reliable technology, this figure could increase to 30%

**Table 4: Socio-Political Context of Each Regulated Emission**

		Relative proximity of the interested party with regards to the emission				
		Immediately Adjacent	Adjacent	Nearby	Distant	Isolated
Level of Community Interest or Concern*	5	High	High	Medium High	Medium	Low
	4	High	High	Medium High	Medium	Low
	3	Medium High	Medium High	Medium	Low	No
	2	Low	Low	Low	Low	No
	1	No	No	No	No	No

Note: These examples are not exclusive and professional judgement is needed to evaluate each specific case

\*This is determined by DEC using the DEC "Officer's Guide to Emissions and Discharges Risk Assessment" May 2006.

**Table 5: Emissions Risk Reduction Matrix**

		Significance of Emissions				
		5	4	3	2	1
Socio-Political Context	High	A	A	B	C	D
	Medium High	A	A	B	C	D
	Medium	A	B	B	D	E
	Low	A	B	C	D	E
	No	B	C	D	E	E

### PRIORITY MATRIX ACTION DESCRIPTORS

A = Do not allow (fix)

B = licence condition (setting limits + EMPs - short timeframes) (setting targets optional)

C = licence condition (setting targets + EMPs - longer timeframes)

D = EIPs, other management mechanisms/licence conditions (monitoring/reporting)/other regulatory tools

E = No regulation, other management mechanisms

*Note: The above matrix is taken from the DEC Officer's Guide to Emissions and Discharges Risk Assessment May 2006.*