

# POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN



**Southern Oil Refining Pty Ltd**  
**42 Lewington St.**  
**Bomen. NSW. 2650**

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## 1 INTRODUCTION

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### 1.1 Facility Details

The facility details, as defined in Environmental Protection Licence **11408**, are summarised in Table 1

**Table 1**

<b>Company</b>	Southern Oil Refining Pty. Ltd.
<b>Environmental Protection Licence (EPL) Number</b>	11408
<b>Scheduled Activities</b>	Re-refining of waste oil
<b>Facility Name &amp; Address</b>	Southern Oil Refining Pty. Ltd. 42 Lewington Street Bomen, NSW 2650

### 1.2 Overview of Operations

The premises and facilities associated with EPL 11408 are owned and operated by Southern Oil Refining Pty. Ltd.

Southern Oil is a wholly Australian owned company which collects and re-refines waste lubricating oils from engines, hydraulics, and gear oils.

Southern Oil manufactures several grades of base oil for a wide range of hydraulic and lubrication oil-blending applications primarily:

- SORBO 32 (light base oil), and
- SORBO 52 (heavy base oil).

Southern Oil also manufactures multiple grades of fuel oil for a wide range of applications including agricultural product drying and industrial boilers.

Using standard chemical engineering processes, Southern Oil employs a range of separation and extraction processes to manufacture base oil from used oils.

The re-refined base oil is then sold to third parties to blend with additives for engine, hydraulic, gear and transmission oils.

The production process at this site involves the importation of waste lubricating oils and raw materials, which are then re-refined to produce a finished product. The refined products are stored onsite in bulk tanks before being distributed across the country by third party freight contractors.

### 1.3 Plan Objectives

This Pollution Incident Response Management Plan (PIRMP), ENV 228, has been developed in accordance with the requirements of the Protection of the Environment Operations (General) Amendment (Pollution Incident Response Management Plans) Regulations 2012.

Southern Oil Pty Ltd has developed a PIRMP to meet legislative requirements. This abridged version of the PIRMP has been developed to meet the requirements for public availability of the plan.

The objectives of the plan and the abridged version of the PIRMP (as in EPA's Environmental guidelines for the preparation of pollution incident response management plans) are to:

- Ensure timely and comprehensive communication about a pollution incident on site to all staff at the premises, the Environmental Protection Authority (EPA), other authorities and the community who may be affected by the impacts of the incident;
- Minimise and control the risk of a pollution incident at the facility by identifying any environmental risks that are present and develop action plans to minimise and manage those identified risks.
- Ensure the plan is implemented by trained employees, identify and train employees responsible for its implementation, and ensure the plan is regularly tested and modified where required to its effectiveness.

### 1.4 Additional Information

**Effective Date:** 30<sup>th</sup> June 2018

**Review Date:** 1<sup>st</sup> July 2019

## 2 HAZARD/POLLUTION IDENTIFICATION

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### 2.1 Pollutant Inventory

Southern Oil undertakes the re-refining of waste oils and as such the most likely environmental emergencies encountered are:

- Water pollution from solvents, oil slurries or other chemicals.
- Gas leak(s) and/or fire.
- Air Pollution from process and storage emissions
- Fire in the production plant.

This Plan considers both air and water based pollution incident impacts. Overall well designed and documented environmental management systems are in place to effectively minimise the likelihood and impact of any of these potential pollution incidents.

### 2.2 Hazard Identification & Assessment

The definition of a pollution incident is:

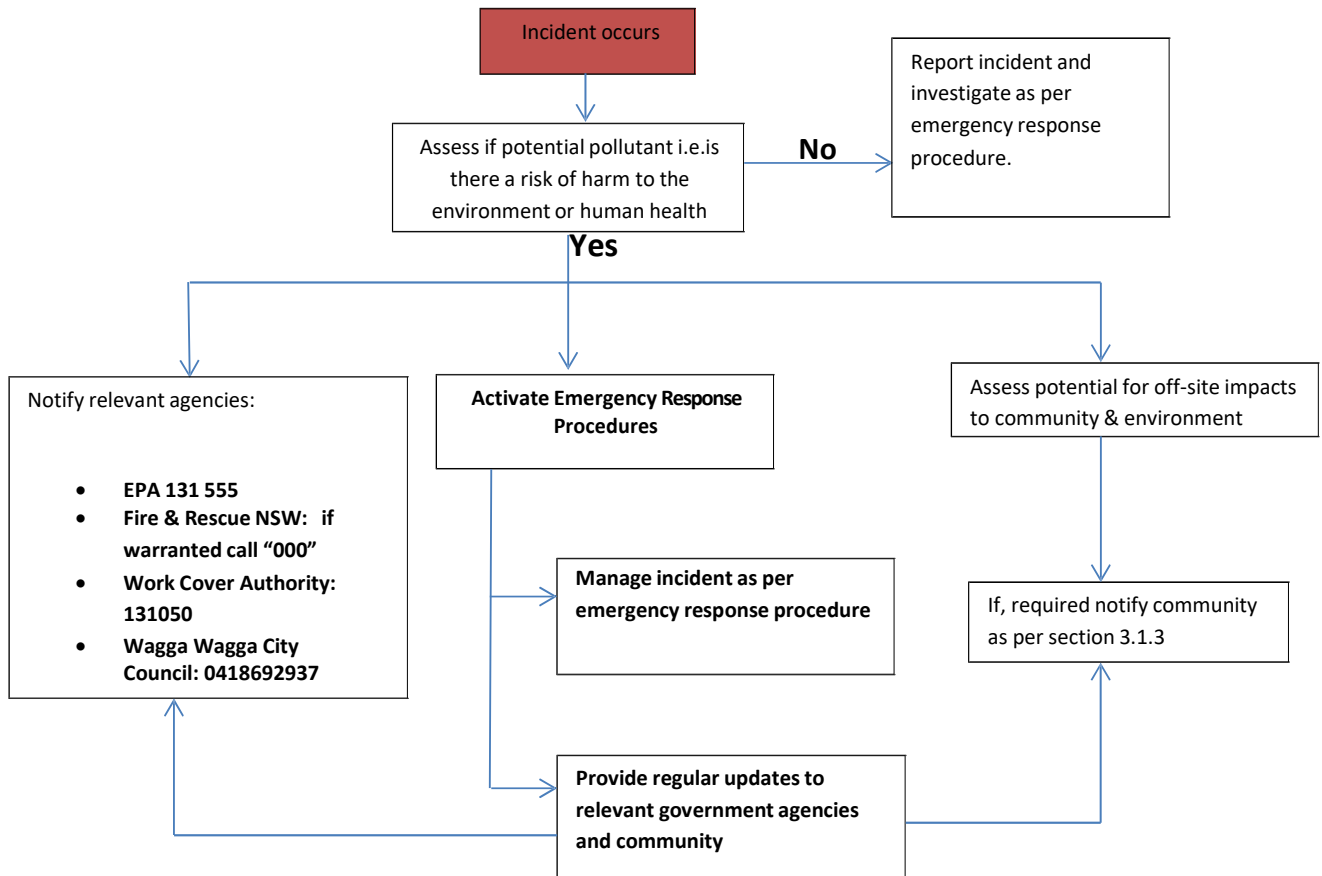
“pollution incident means an incident or set of circumstances during or as a consequence of which there is a likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on a premise, but it does not include an incident of circumstances involving the emission of any noise”

A pollution incident is required to be notified if there is a risk of “material harm to the environment”, which is defined in section 147 of the Protection of the Environment Operations Act (PEOA) as:

- a) Harm to the environment is material if:
  - i) It involves actual or potential harm to the health & safety of human beings or to the ecosystems that is not trivial, or
  - ii) It results in actual or loss of property damage of an amount or amounts in aggregate, exceeding \$10,000 (or such amount as is prescribed by the regulations), and
- b) Loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment.

### 3 INCIDENT RESPONSE

This section provides details on the incident response, including the communication and on-site emergency response actions for responding to an incident that has resulted in a material impact to human health or the environment.



### 3.1 Communication

#### 3.1.1 Internal Communication (i.e. Employee/Contractors/Visitors)

All incidents are to be reported immediately to the onsite Duty Controller.

#### 3.1.2 Government Agencies

The key external contacts that are required to be notified are listed below. If a pollution incident occurs where “material harm” to the environment is caused or threatened the notification protocol set out in the flow diagram is followed. If the incident presents an immediate threat to human health or property call “000”. If the incident does not require an immediate attention notify the authorities in the order listed in the section below.

**Table 1 External Agencies**

External Agencies	
Fire & Rescue NSW	000
Environment Protection Agency	131 555
Work Cover Authority	13 10 50
Wagga Wagga City Council	0428 692 937 and/or (02) 6926 9190

#### 3.1.3 Local community

Community stakeholders that are potentially affected by an incident will be notified immediately by phone call after being instructed by one of the key site contacts. As detailed in the emergency response procedure any incident is communicated to immediate neighbours.

**Table 2 List of Immediate Neighbours and their Contact Details**

Business Name	Property Address	Contact Details
NuFarm Ltd.	53 Lewington Street	(02) 6921 4279
CHEP	52 Lewington Street	(02) 6931 7310
Fulton Hogan Bitumen	30 Webb Street	(02) 6931 1623
VetaFarm	50 Webb Street	(02) 6921 2174
Bomen Produce Co.	52 Webb Street	(02) 6931 7039
Land Transport Services	45 Lewington Street	(02) 6971 7077
Rambler Welding	39 Lewington Street	(02) 6921 3062
Caltex	18 Lewington Street	(02) 6921 4710



**Figure 1. Map of Immediate Neighbours of Southern Oil Refinery**

The communication method may change depending on the nature of the event or as directed by the relevant agency.

Regular updates if required will be provided to the affected community throughout the course of event by one of the key contacts.

### **3.2 On-site Incident Management**

An emergency response procedure is in place for the site. This procedure outlines the actions required to be taken when there is an incident on site which may result in a material impact to human health and/or the environment. This procedure and this plan will be used in conjunction with each other to ensure that the impacts of pollution incidents are minimised as much possible to through early intervention.

## **4 ADMINISTRATION**

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This section of the plan provides details on the processes that will be used by employees onsite and offsite to make them aware of the plan requirements and document the process for regular testing of the plan.

#### **4.1 Staff Awareness/Training**

All new employees will be made aware of the requirements of the plan as part of their induction process. All employees are required to complete refresher training on a biannual basis.

In addition to the above induction and training, details of the plan will be provided to the key contacts and members of the emergency response team on site and off site.

Training requirements will be identified and records of training will be maintained in the company offices.

#### **4.2 Plan Availability**

In accordance with Section 153D of the POEO Act, the plan is available to all site employees via the intranet. This plan has also been placed on the internet. A hard copy of the plan will also be available at the site.

#### **4.3 Testing of Plan**

This plan will be tested once a year to ensure that the information contained within the plan is accurate and up-to-date.