

Pollution Incident Response Management Plan

Borg Plantations Pty Ltd

Bark / Timber Processing Facility
26 Endeavour Street
Oberon

February 2019

EXECUTIVE SUMMARY

This Pollution Incident Response Management Plan (PIRMP) has been developed for the Borg Plantation Bark/Timber Processing and Landscape Supplies Facility located at 26 Endeavour St, Oberon NSW.

This document has been set out to fulfil the requirements of Part 5.7A of the *Protection of the Environment Operations Act 1997* and contains the details required for pollution incident response management plans as set out within Part 3A of the *Protection of the Environment Operations (General) Regulation 2009*.

The content of this plan includes:

- The procedures to be followed by the licence holder in notifying a pollution incident;
- A detailed description of the action to be taken immediately after a pollution incident to reduce or control pollution; and
- The procedures to be followed for co-ordinating, with the authorities or persons that have been notified, any action taken in combating the pollution caused by the incident and the persons through whom all communications are to be made.

It is important to note that this PIRMP is a working document. If operating conditions or resource recovery practices on the site change, the PIRMP needs to be updated to reflect the changes in practices. Borg Plantations is committed to working with the NSW Environment Protection Authority (EPA), and appropriate changes to the conditions of the Environment Protection Licence will be made before any site changes are implemented.

Below is a summary of the immediate steps to be taken in the event of a pollution incident (Table E.1).

Table E.1. Summary of Pollution Incident Response.

In the event of a pollution incident		Responsibility and Action Required	Section of Report Required
Step 1	Contact Director / Operations Manager		Section 7
Step 2	Is there an immediate threat to human health and the environment?	Call Emergency Services (000) or 112 for mobile phones	Section 8.1
Step 3	Does the site need to be evacuated?	Initiate evacuation procedure Safely follow pollution incident procedures	Section 8 & 10
Step 4	Inform other relevant authorities of the incident	Follow the pollution incident plan contacting the relevant authorities	Section 8.1
Additional staff responsibilities			
Step 5	Onsite Staff	Operations Manager	Director
	Assist with Clean Up	Coordinate onsite plan	Call relevant regulatory authorities as specified in Section 8.1
	Follow instructions of Operations Manager	Barricade off area and notify staff onsite	Engage appropriate consultants
		Complete incident reporting form	Submit incident report form to EPA
			Review this plan within 30 days of report

It is recommended that all sections of this document are read, and the appropriate training undertaken, prior to responding to an incident.

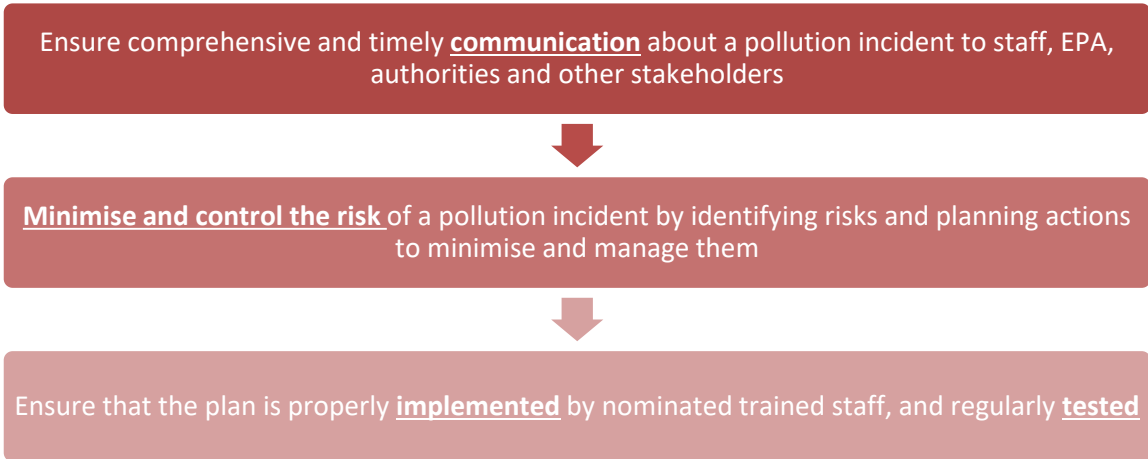
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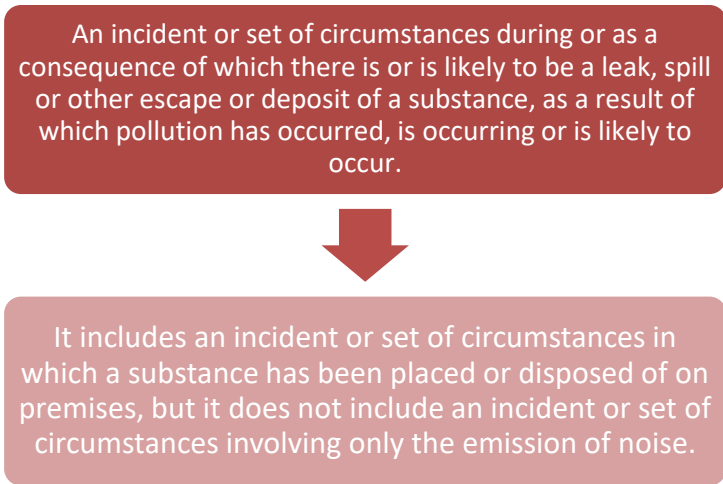
1. Purpose of This Plan

Under the *Protection of the Environment Operations Act 1997*, holders of an Environment Protection Licence (EPL) must prepare and implement a PIRMP.

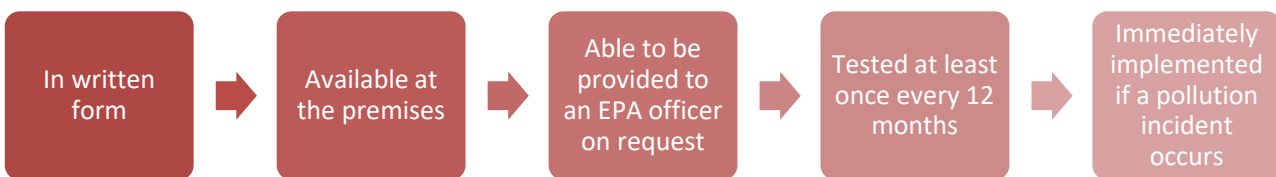
The objectives of the PIRMP are to:



A “pollution incident” is defined as:



The PIRMP must be:



2. About the Site

Address	<ul style="list-style-type: none"> • 26 Endeavour St, Oberon
Lot number	<ul style="list-style-type: none"> • Lot 18/DP1249431 • Part of Lot 33/DP1228591 • Part of Lot 34/DP1228591
Development site size	<ul style="list-style-type: none"> • 50,885 m² in total.
LGA	<ul style="list-style-type: none"> • Oberon Council
Zoning	<ul style="list-style-type: none"> • Lot 18/DP1249431 - IN1 General Industrial • Lot 33/DP1228591 - RU1 Primary Production • Lot 34/DP1228591 - IN1 General Industrial
Regulatory Controls	<ul style="list-style-type: none"> • Under the <i>Oberon Local Environmental Plan 2013</i>, waste or resource management facilities are permissible development under the IN1 - General Industrial zoning, with consent. As such, it is considered the proposed development is compatible with the LEP. • The proposed development meets the definition of a “Resource recovery facility” under Section 120 of the <i>State Environmental Planning Policy (Infrastructure) 2007</i>. The development is considered to be consistent with Section 120 of the <i>State Environmental Planning Policy (Infrastructure) 2007</i>, being development which is permissible subject to development consent from council. • An Environment Protection Licence is required for this facility under the <i>Protection of the Environment Operations Act 1997</i>
Waste types accepted	<ul style="list-style-type: none"> • The facility will receive up to 99,000 tonnes of pinebark, wood pallets and sawdust. • Overall resource recovery rate for facility is expected to be close to 99%.

2.1 Location and Site Description

The site is located at 26 Endeavour St, Oberon, NSW (Lot 34 DP 1228591). The Site is located to the north of Oberon townsite, approximately 500m from the nearest residential dwelling. Oberon is located in the Central Plains region of New South Wales, 46 km south east of Bathurst, 77 km west of Katoomba and 195 km west of Sydney.

An aerial view of the site are given in Figure 2.1. The proposed site will occupy Lot 18 DP1249431 and parts of Lot 33 and 34 DP1228591.

The proposed site has a total area of approximately 5.09 hectares. This area was previously used for agricultural purposes but is currently vacant and unused. The site is unsealed, largely clear of vegetation and does not include any existing dwellings.

The proposed site is situated on land zoned IN1 General Industrial and RU1 Primary Production. There are a small number of nearby land use zones, including RU1 Primary Production to the north and adjoining to the east, R1 General Residential to the south, and B2 Local Centre further south. The nearest residential zoned land is approximately 500m to the south of the site boundary. The nearest residential receivers are separated by other industrial activities (including other un-associated outdoor waste processing and recycling activities) and a heavy vehicle bypass.

Figure 2.1. Aerial view of the subject site – development site coloured red.



Date	Revision	Drawn By	Site description	Jackson Environment and Planning Pty Ltd Strategy Infrastructure Compliance Procurement A: Suite 102, Level 1, 25-29 Berry St, North Sydney NSW 2060 E: admin@jacksonenvironment.com.au T: 02 8056 1849 W: http://www.jacksonenvironment.com.au		Client	Borg Plantations
12/2/19	Revision A	J. Lethlean	26 Endeavour St, Oberon			Project	Bark/Timber Processing and Landscape Supplies Facility
						Title	Aerial photo of site
						Scale	As shown
						Source	Google / Borg

Figure 2.2. Land use zoning of the site and surrounds – development site coloured red.

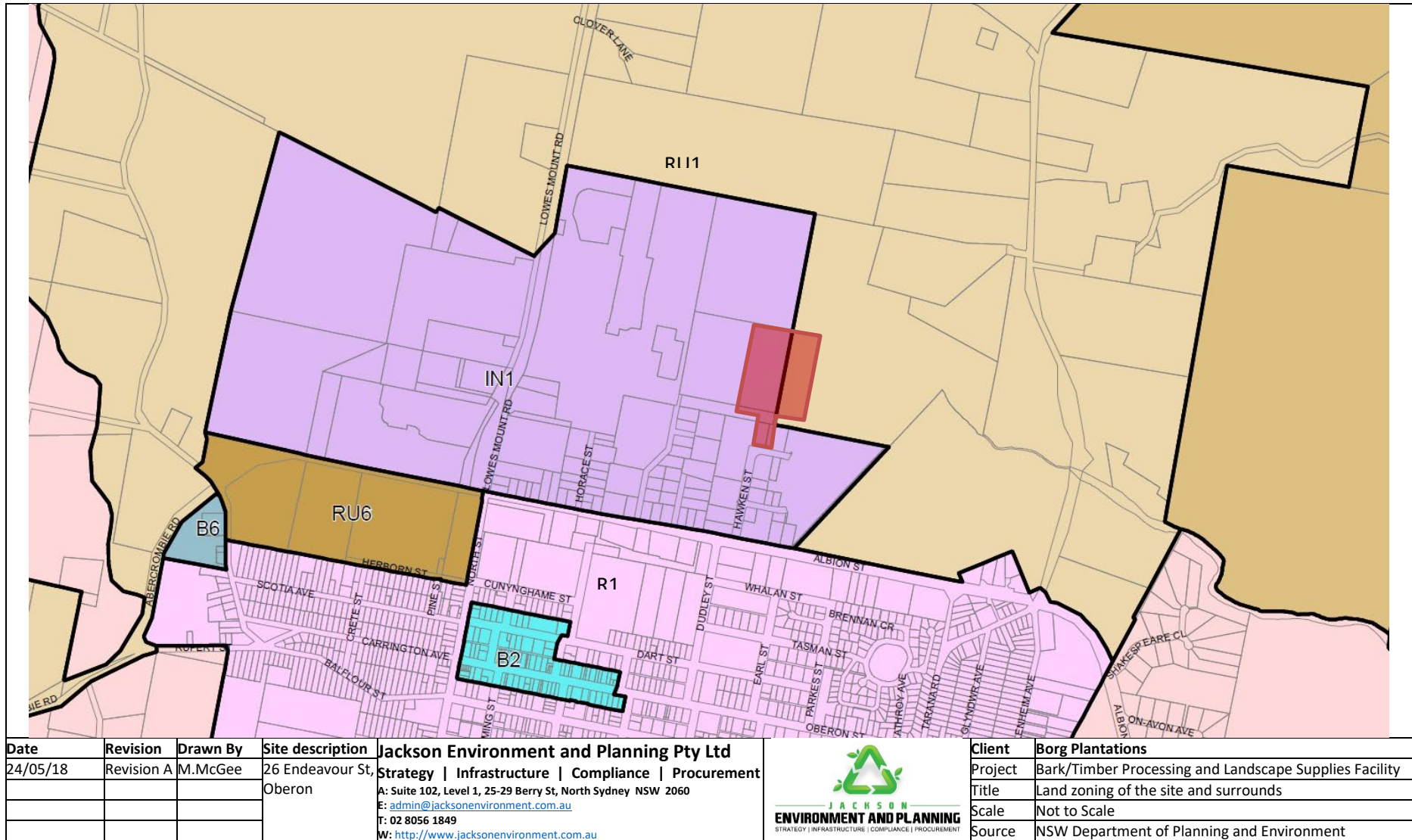


Figure 2.3. Sensitive receptors – development site is coloured red.



Date	Revision	Drawn By	Site description	Jackson Environment and Planning Pty Ltd Strategy Infrastructure Compliance Procurement A: Suite 102, Level 1, 25-29 Berry St, North Sydney NSW 2060 E: admin@jacksonenvironment.com.au T: 02 8056 1849 W: http://www.jacksonenvironment.com.au	 JACKSON ENVIRONMENT AND PLANNING STRATEGY INFRASTRUCTURE COMPLIANCE PROCUREMENT	Client	Borg Plantations
26/05/18	Revision A	M. McGee	26 Endeavour St, Oberon			Project	Bark/Timber Processing and Landscape Supplies Facility
12/2/19	Revision B	J Lethlean				Scale	As shown

Figure 2.4. Named watercourse near the proposed development (Kings Stockyard Creek, in blue shading).



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26/05/18	Revision A	M. McGee	26 Endeavour St, Oberon			Project	Bark/Timber Processing and Landscape Supplies Facility
12/2/19	Revision B	J. Lethlean				Title	Named Watercourse
						Scale	As shown
						Source	Google

Table 2.1. Overview of waste receipt and processing at maximum capacity (2023).

Waste Type	Tonnes Per Year	Process	Products	Customers
Pinebark residuals	64,350	<ul style="list-style-type: none"> Shredded to meet mulch size requirements Processed to meet the appropriate NSW EPA Resource Recovery Order 	<ul style="list-style-type: none"> Mulch 	<ul style="list-style-type: none"> Government Landscapers
Wooden pallets	29,700	<ul style="list-style-type: none"> Shredded to reduce particle size Screened to different sizes with portable mobile screen Magnet to extract steel staples, etc. Processed to meet the requirements of the Recovered Aggregates Order 2014 	<ul style="list-style-type: none"> Mulch Scrap metal 	<ul style="list-style-type: none"> Government Landscapers Metal recycler Sims Group Australia Holdings Ltd, Milperra (EPL 2207)
Sawdust	4,950	<ul style="list-style-type: none"> Blended with mulch to product small sized mulch product Stored Transported off site 	<ul style="list-style-type: none"> Mulch 	<ul style="list-style-type: none"> Government Landscapers
TOTAL	99,000			

2.2 Topography

Topographically, the site and surrounding areas are relatively flat. The land to the North and East of the site is currently zoned RU1. This land is largely unoccupied.

The site will be levelled and formed such that the site will gently slope towards the on-site detention basin (OSD) in the north-east corner of the site.

2.3 Nearest Sensitive Receptors

2.3.1 Neighbouring properties

The subject site is located approximately 600m north of the residential zoned area (see Figure 2.3).

Land to the immediate south of the site consists of an industrial subdivision, with varied operators including automotive, self-storage, building supplies and recycling facilities. The area directly to the north and west of the site is owned and managed by Borg. Land adjoining to the east of the site is zoned RU1 Primary Production.

The nearest residential zoned land is approximately 600m to the south of the proposed site boundaries, and the closest residential premises are approximately 670m to the south east of the site.

Other key nearby sensitive receptors include:

- Oberon High School located approximately 650m south of the site;
- A caravan park located approximately 720m south west of the site; and
- Rural premises in RU1 zoned land approximately 650m north east of the site.

The only non-Borg owned premises currently directly adjoining the site is a National Parks and Wildlife storage shed and depot.

The adjoining and nearby premises/activities can be considered as sensitive receptors, and impacts on these properties will be carefully considered and mitigated as part of the environmental planning investigations in preparing the Environmental Impact Statement for the development. A key issue associated with the development is potentially noise generated by the processing equipment. It is proposed to mitigate the noise using a series of aesthetically designed noise barriers and landscaping.

2.3.2 Waterway

Stormwater from the site will be collected in an on-site detention basin (OSD) in the north-east corner of the site. The water will be re-used on site, mainly for dust suppression. The nearest watercourse is a small, named creek to the North-east of the site (Figure 2.4). The creek is approximately 290m from the main processing area.

In the event of a fire, fire-fighting water will be contained within the stormwater drainage and capture system, consisting of drainage channels, pollutant traps and an on-site storage pond. Contaminated water would be pumped out and disposed at an appropriate facility.

2.3.3 Vegetation and habitat

The development site is former farmland, which has been vacant for some years. There are several trees/shrubs in the centre of the site, with remainder of the site covered in grass. The highly disturbed nature of the site means that any significant vegetation on the site is highly unlikely.

2.3.4 Bushfire Prone Land

The site is not on or near any designated bushfire prone land. (Figure 2.5).

Figure 2.5. Location of bushfire-prone land in the surrounding areas (lot boundary in blue; bush fire prone land in red shading as per Oberon LEP 2013).



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26/05/18	Revision A	M. McGee	26 Endeavour St,			Project	Bark/Timber Processing and Landscape Supplies Facility
14/2/19	Revision B	J. Lethlean	Oberon			Title	Location of bushfire-prone land in surrounding areas
						Scale	Not to Scale
						Source	NSW Department of Planning and Environment

2.3.5 Surrounding Premises

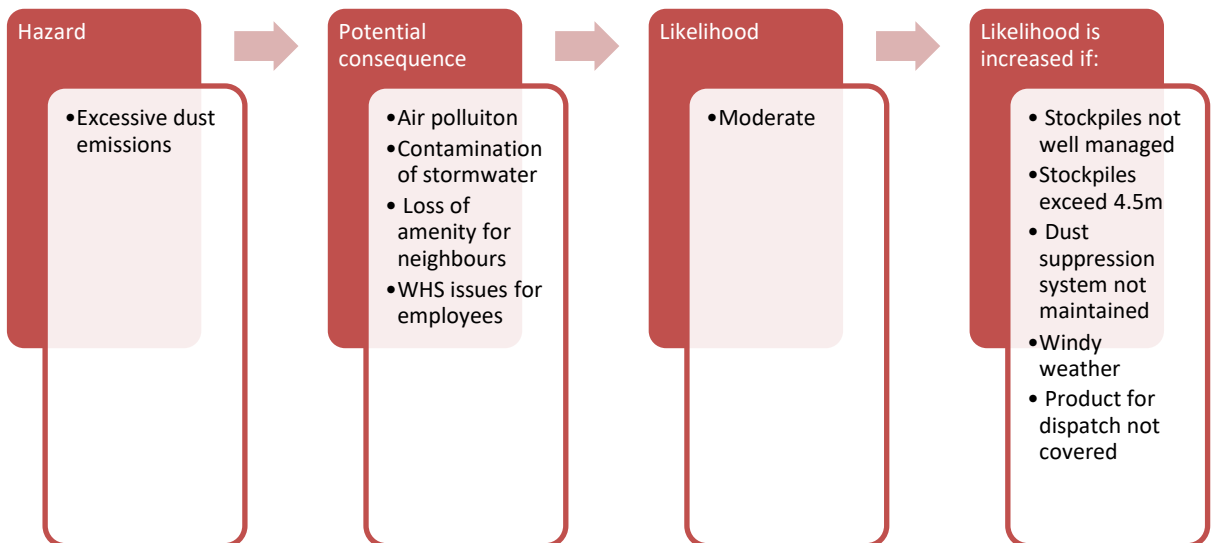
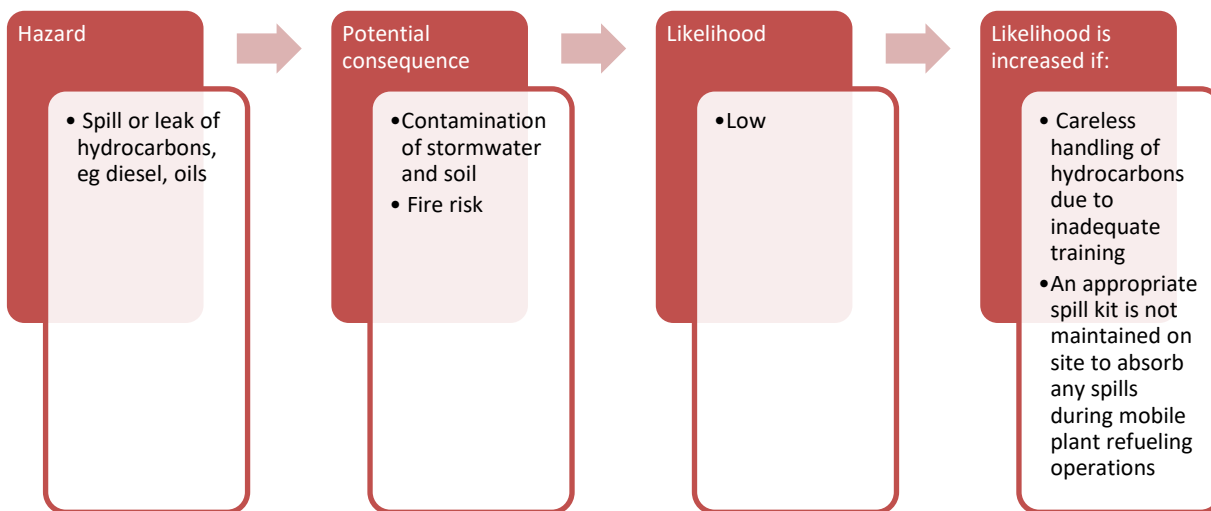
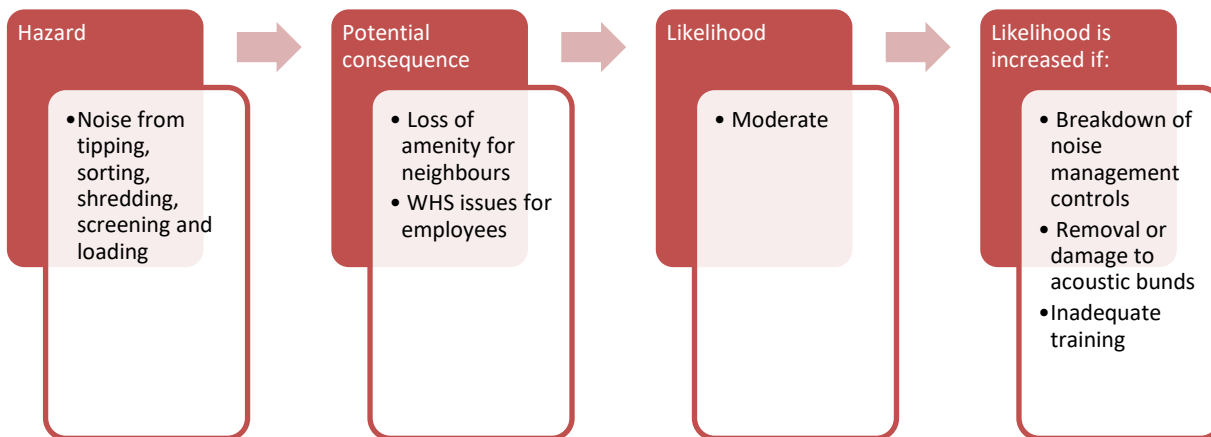
Figure 2.3 shows the Facility's immediate neighbours. The site is in an IN1 General Industrial area. The Facility is therefore considered compatible with the surrounding premises and land uses. The activities of the adjoining properties are summarised in Table 2.2. It should be noted that the list below does not include vacant properties.

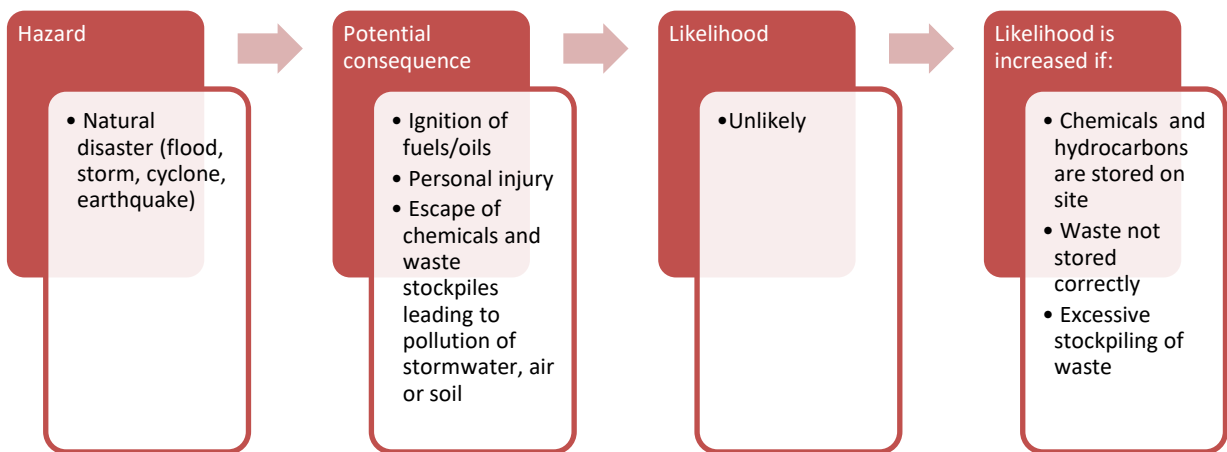
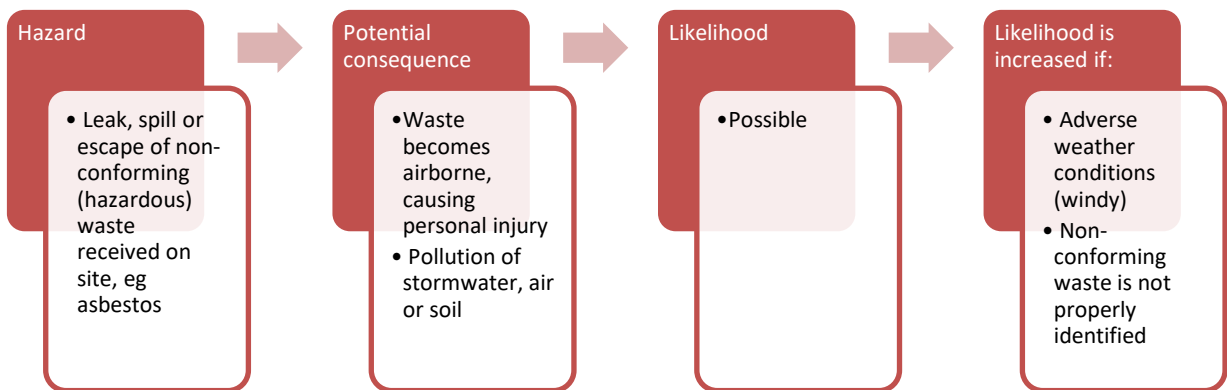
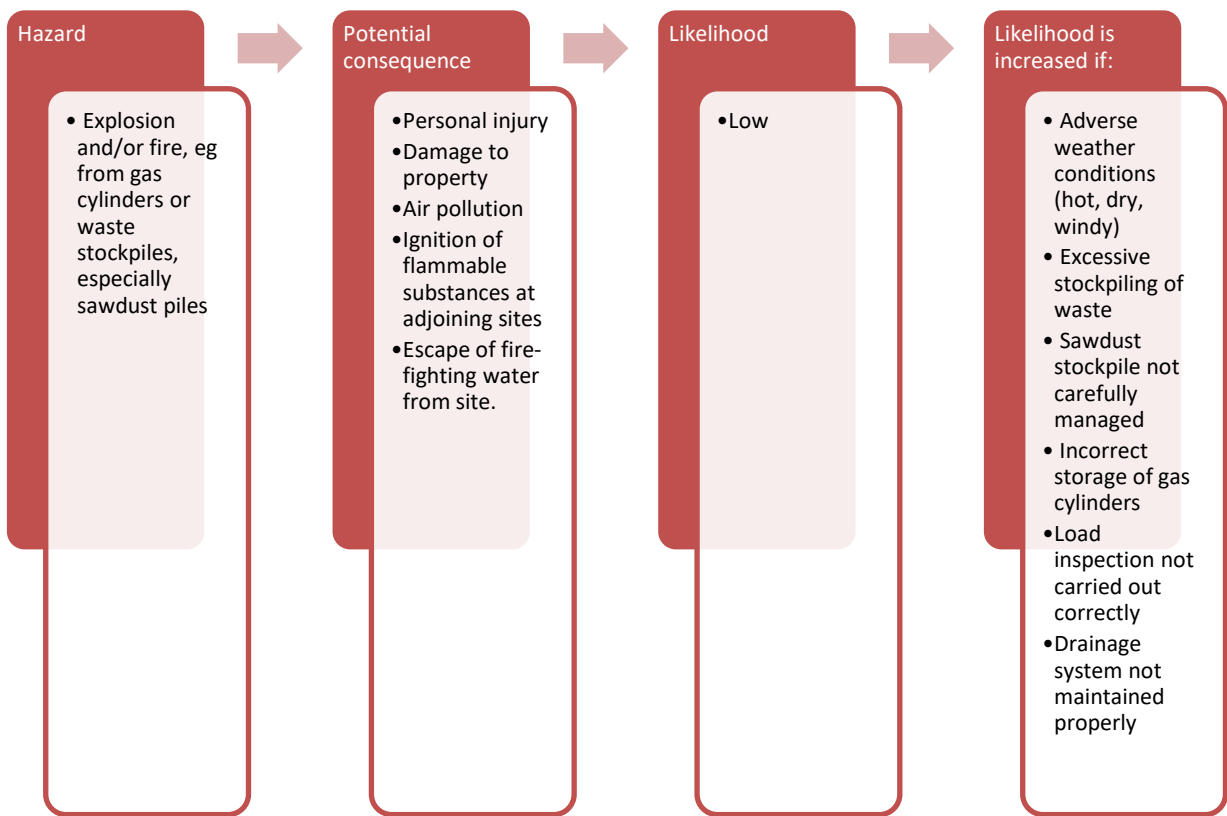
Table 2.2 . Properties within 500m of the development site.

No.	Address	Suburb	Zone	Zone Description	Occupied/Vacant
1	1 Sirius Street	Oberon	IN1	General Industrial	Occupied
2	2 Sirius Street	Oberon	IN1	General Industrial	Occupied
3	3 Sirius Street	Oberon	IN1	General Industrial	Occupied
4	4 Sirius Street	Oberon	IN1	General Industrial	Vacant
5	5 Sirius Street	Oberon	IN1	General Industrial	Occupied
6	6 Sirius Street	Oberon	IN1	General Industrial	Occupied
7	7 Sirus Street	Oberon	IN1	General Industrial	Occupied
8	8 Sirius Street	Oberon	IN1	General Industrial	Occupied
9	10 Sirius Street	Oberon	IN1	General Industrial	Occupied
10	30 Albion Street	Oberon	IN1	General Industrial	Occupied
11	36 Albion Street	Oberon	IN1	General Industrial	Occupied
12	38 Albion Street	Oberon	IN1	General Industrial	Occupied
13	46 Albion Street	Oberon	IN1	General Industrial	Vacant
14	37-39 Albion Street	Oberon	R1	General Residential	Occupied
15	41 Albion Street	Oberon	R1	General Residential	Occupied
16	45-51 Albion Street	Oberon	R1	General Residential	Occupied
17	53 Albion Street	Oberon	R1	General Residential	Occupied
18	57 Albion Street	Oberon	R1	General Residential	Occupied
19	66 Albion Street	Oberon	IN1	General Industrial	Occupied
20	72 Albion Street	Oberon	IN1	General Industrial	Occupied
21	1 Dudley Street	Oberon	R1	General Residential	Occupied
22	1 Hazelgrove Rd	Oberon	E1	National Parks and Nature Reserves	Vacant
23	123 Hazelgrove Rd	Oberon	E1	National Parks and Nature Reserves	Occupied
24	125 Hazelgrove Rd	Oberon	E1	National Parks and Nature Reserves	Occupied
25	1 Endeavour Street	Oberon	IN1	General Industrial	Occupied
26	2 Endeavour Street	Oberon	IN1	General Industrial	Occupied
27	3-5 Endeavour Street	Oberon	IN1	General Industrial	Occupied
28	4 Endeavour Street	Oberon	IN1	General Industrial	Occupied
29	6 Endeavour Street	Oberon	IN1	General Industrial	Occupied
30	7 Endeavour Street	Oberon	IN1	General Industrial	Occupied
31	8 Endeavour Street	Oberon	IN1	General Industrial	Occupied

No.	Address	Suburb	Zone	Zone Description	Occupied/Vacant
32	9 Endeavour Street	Oberon	IN1	General Industrial	Occupied
33	10 Endeavour Street	Oberon	IN1	General Industrial	Occupied
34	11 Endeavour Street	Oberon	IN1	General Industrial	Occupied
35	12 Endeavour Street	Oberon	IN1	General Industrial	Occupied
36	13 Endeavour Street	Oberon	IN1	General Industrial	Occupied
37	14 Endeavour Street	Oberon	IN1	General Industrial	Vacant
38	15 Endeavour Street	Oberon	IN1	General Industrial	Vacant
39	16 Endeavour Street	Oberon	IN1	General Industrial	Vacant
40	17 Endeavour Street	Oberon	IN1	General Industrial	Vacant
41	18 Endeavour Street	Oberon	IN1	General Industrial	Vacant
42	24 Endeavour Street	Oberon	IN1 E1	General Industrial National Parks and Nature Reserves	Vacant
43	31 Endeavour Street	Oberon	IN1	General Industrial	Occupied
44	10 Hawken Street	Oberon	IN1	General Industrial	Vacant
45	25 Hawken Street	Oberon	IN1	General Industrial	Vacant
46	45 Hawken Street	Oberon	IN1	General Industrial	Occupied
47	50 Hawken Street	Oberon	IN1	General Industrial	Occupied
48	8 Horace Street	Oberon	IN1	General Industrial	Occupied
49	11 Horace Street	Oberon	IN1	General Industrial	Occupied
50	13-15 Horace Street	Oberon	IN1	General Industrial	Occupied
51	17-19 Horace Street	Oberon	IN1	General Industrial	Occupied
52	124 Lowes Mount Road	Oberon	IN1	General Industrial	Occupied
53	26 Maher Drive	Oberon	IN1	General Industrial	Vacant
54	4 Maher Drive	Oberon	IN1	General Industrial	Vacant
55	57 Maher Drive	Oberon	IN1	General Industrial	Occupied
56	96-106 Maher Drive	Oberon	IN1	General Industrial	Occupied
57	9 Maher Drive	Oberon	IN1	General Industrial	Occupied

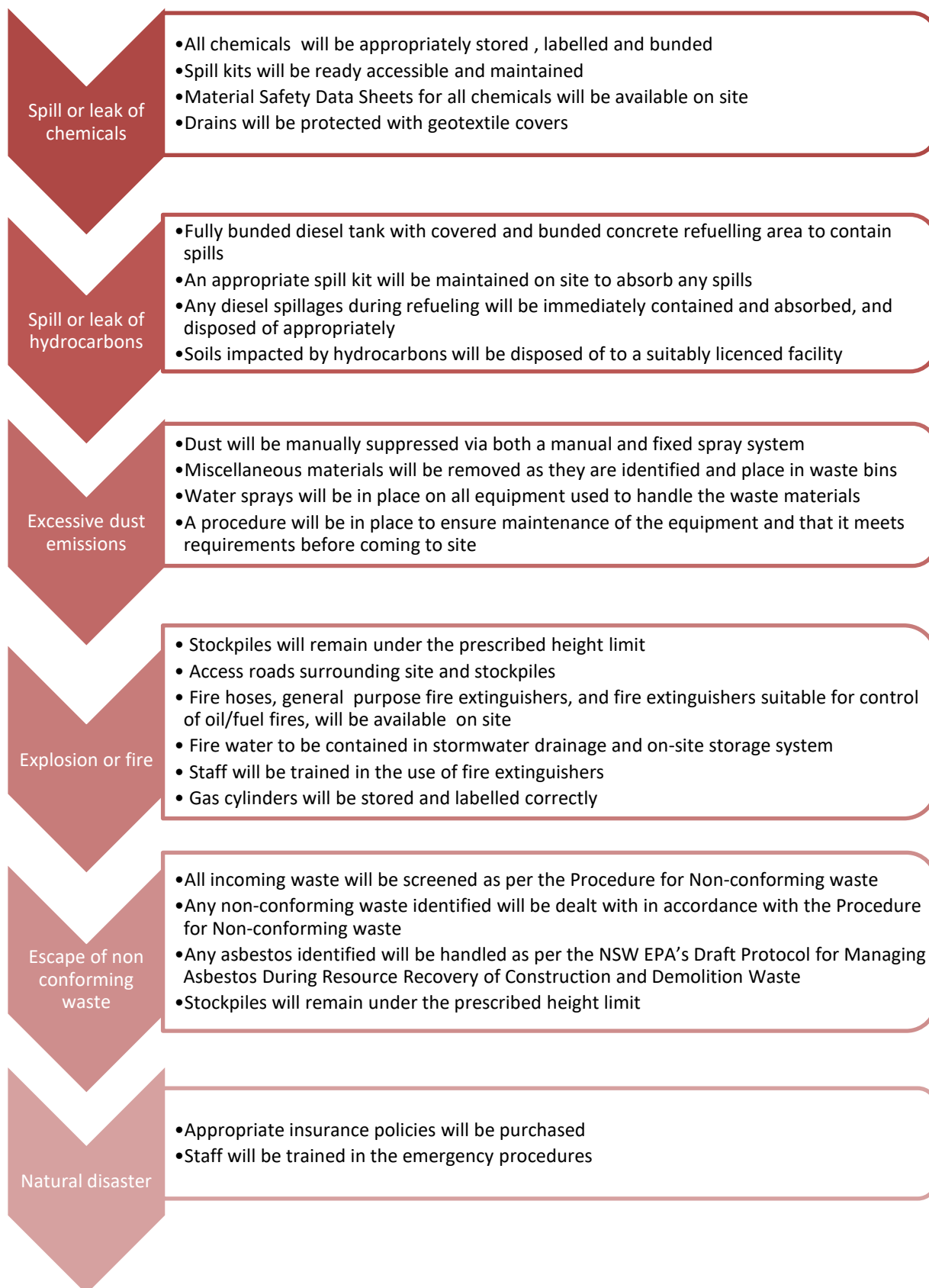
3. Description and Likelihood of the Main Hazards





4. Pre-Emptive Actions to be taken

The main hazards, and the mitigation measures in place for each one, are shown below.



5. Inventory of Potential Pollutants

Table 5.1. Inventory of potential pollutants.

Potential pollutant	Storage location	Maximum quantity on site
Hydraulic oil	Workshop	200 Litres
Engine oil	Workshop	200 Litres
Gear oil	Workshop	200 Litres
Transmission oil	Workshop	200 Litres
Degreaser	Workshop	200 Litres
Brake fluid	Workshop	200 Litres
Grease drum cartridges	Workshop	100 Litres
Diesel	Refuelling area	65,000 Litres
LPG (gas)	Workshop	500 Kg

The storage and handling of the above pollutants are in accordance with:

- AS 1596:2014 The storage and handling of LP Gas
- AS 1940:2017 The storage and handling of flammable and combustible liquid
- AS 2030.1:2009 Gas cylinders – General requirements
- Storage and Handling of Dangerous Goods Code of Practice 2005.

6. Safety and Clean-Up Equipment

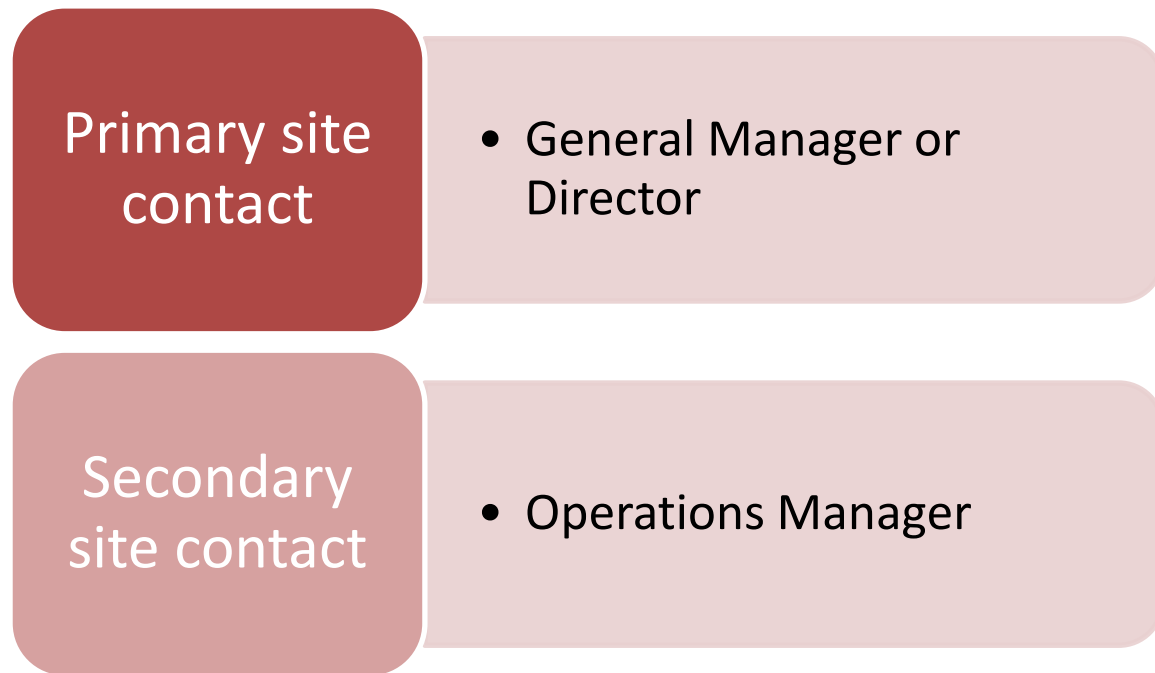
Table 6.1. Type and Location of Safety and Clean-up Equipment.

Equipment	Location
Spill kits	3 x 120L spill kits: <ul style="list-style-type: none"> • 1 x maintenance shed near chemical store • 1 x processing area • 1 x fuel storage area
Safety Data Sheets (SDS)	Office
First Aid Kit	Office
Fire extinguishers	5 x CO ₂ fire extinguishers: <ul style="list-style-type: none"> • 1 x main office • 1 x maintenance shed • 1 x waste storage area • 1 x product storage area • 1 x fuel storage area
Fire hydrant	1 x fire hydrant near site entrance.
Personal Protective Equipment	Worn by staff, spares in office
Traffic bollards and traffic cones	Office

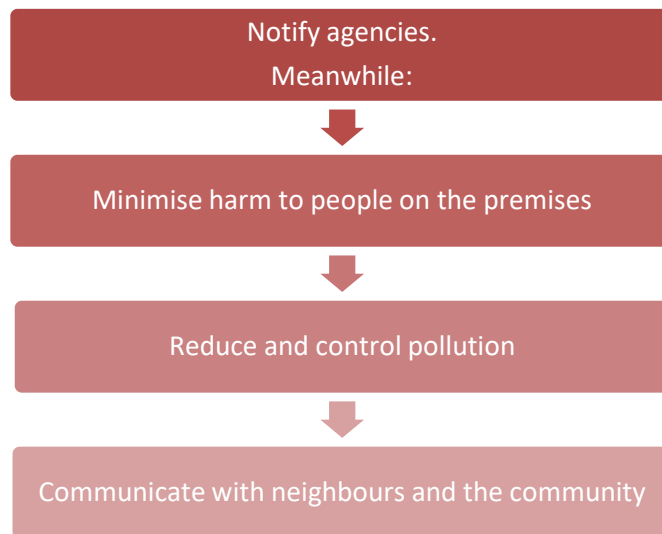
7. Contact Details and Responsible Persons

The person responsible for implementing this plan is shown below.

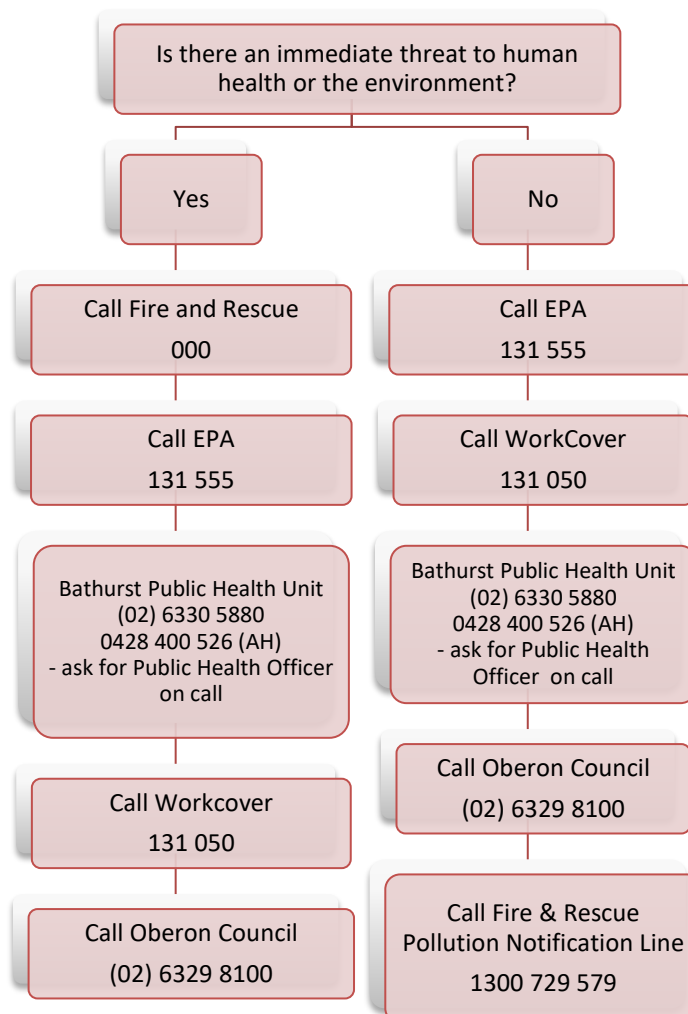
In the case of a pollution incident, the following people should be notified immediately:



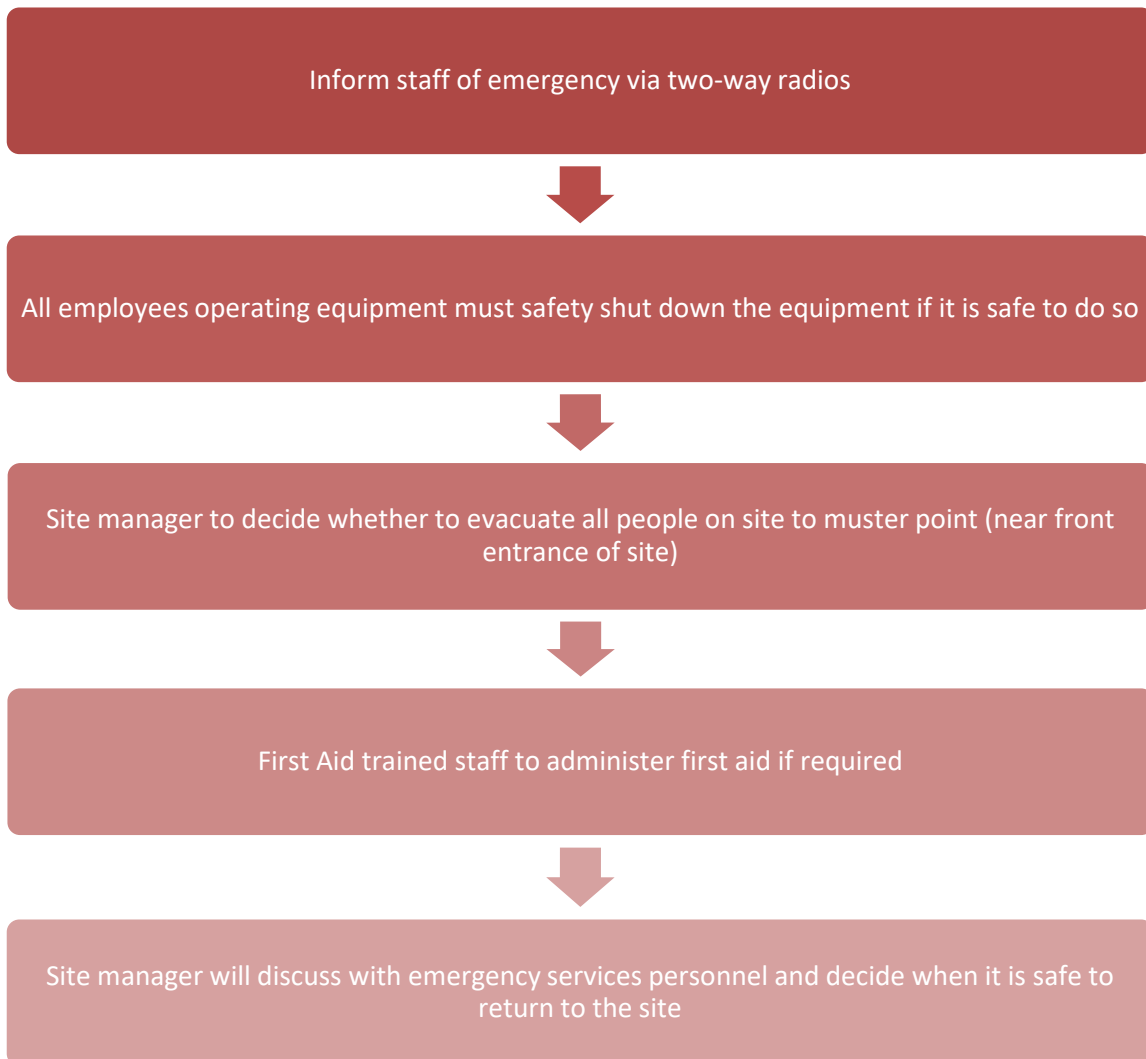
8. Actions to Be Taken During or Immediately After a Pollution Incident



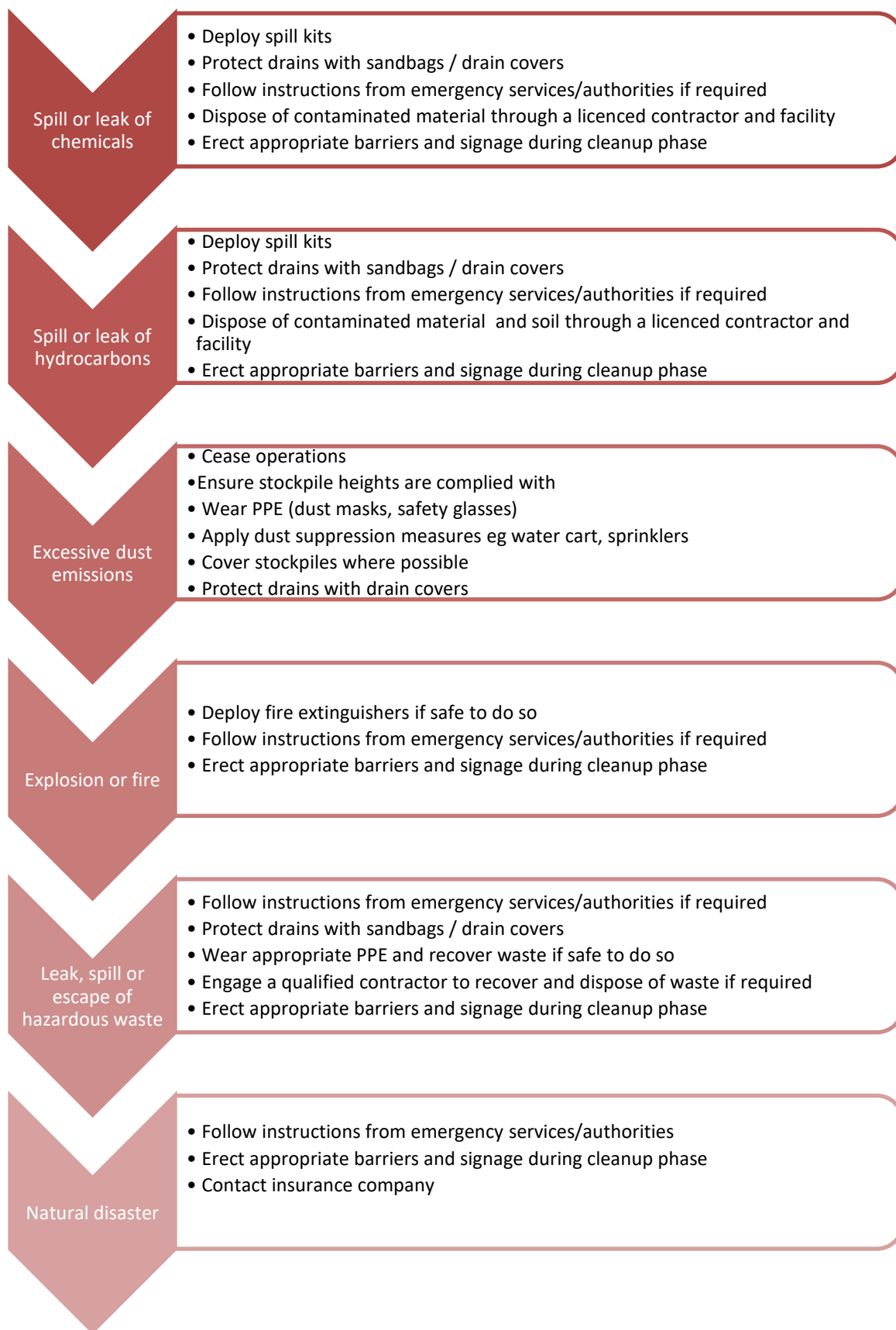
8.1 Notify Agencies



8.2 Minimise Harm to People on the Premises



8.3 Reduce and Control Pollution



8.4 Communicate with Neighbours and the Community

Is there potential for off-site impacts to the community or environment? If yes, then contact the following business via telephone or where appropriate via door knocking.

Table 8.1. Contact Details for Adjacent Premises.

Premises	Address	Contact
National Parks storage shed	Maher Drive	(02) 6336 1972
Borg Manufacturing Pty Ltd – MDF plant	124 Lowes Mount Rd, Oberon	Jacqueline Blomberg Environmental Manager 0436 609 556
Oberon Concrete	LOT 6 Hawken St, Oberon	(02) 6336 0944
Biscione Automotive	9 Maher Dr, Oberon	0439 674 660
Australian Native Landscapes	7 Endeavour St, Oberon	(02) 6336 0288
Industrial premises	31 Endeavour Street, Oberon	Door knock
Industrial premises	14 Endeavour Street, Oberon	Door knock
Industrial premises	12 Endeavour Street, Oberon	Door knock
Industrial premises	57 Maher Drive, Oberon	Door knock

9. Staff Training and Testing This Plan

9.1 Staff Training

All new employees will be made aware of the requirements of the plan as part of their induction process.



All employees will be trained in the use of spill kits and fire extinguishers.



All employees are required to complete refresher training on a regular basis.



In addition to the above induction and training, details of this plan will be provided to key contacts on site and off site on request.

9.2 Testing this Plan

This plan will be reviewed once a year to ensure that the information contained within the plan is accurate and current. If necessary, the plan will be updated as a new version.



Evacuation drills will be carried out at least once a year.



Improvements identified in the review and drills will be implemented.



Records will be kept of the reviews and drills, their outcomes and any improvements identified and implemented.

10. Location of Pollutant Storage, Evacuation Point and Drains

In the event of an emergency, staff will must at the evacuation point, outside the front entrance.

Figure 10.1 . Location of stormwater storage and evacuation point.



Date	Revision	Drawn By	Site description	Client	Borg Plantations
19/09/2018	Revision A	J. Lethlean	26 Endeavour St, Oberon	Project	Bark/Timber Processing Facility
14/02/2019	Revision B	J. Lethlean		Title	Emergency muster point
				Source	Six Maps & Borg Construction

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