

**Kariong Sand and Soil Supplies**

# **Pollution Incident Response Management Plan (PIRMP)**

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**July 2020**

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**Kariong Sand and Soil Supplies**

**Prepared by: Jackson Environment & Planning Pty Ltd**

**Kariong**  
SAND & SOIL SUPPLIES



## POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN – KARIONG SAND AND SOIL SUPPLIES

Approved by : Eric Davis

Signature:

Title: Director

Date:

**PURPOSE:**

Kariong Sand and Soil Supplies intends to apply for an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for Kariong Sand and Soil Supplies at 90 Gindurra Rd, Somersby. As per the *Protection of the Environment Operations Act 1997* (the POEO Act), the holder of an Environment Protection Licence must prepare, keep, test and implement a pollution incident response management plan (PIRMP) that complies with Part 5.7A of the POEO Act in relation to the activity to which the licence relates.

If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of section 147 of the POEO Act) is caused or threatened, the person carrying on the activity must immediately implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

A written copy of this plan must be kept at Kariong Sand and Soil Supplies at 90 Gindurra Rd, Somersby, and be made available on request by an authorised NSW EPA Officer and to any person who is responsible for implementing this plan.

Parts of the plan must also be available either on a publicly accessible website, or if there is no such website, by providing a copy of the plan to any person who makes a written request. The sections of the plan that are required to be publicly available are set out in clause 98D of the Protection of the Environment Operations (General) Regulation 2009.

## SUMMARY OF POLLUTION INCIDENT RESPONSE

Step	Assessment of incident	Action required	Responsibility
Step 1	Pollution incident is first noticed.	Contact Director / Operations Manager	Person who first notices the pollution incident
Step 2	Is there an immediate threat to human health and the environment?	Call Emergency Services (000) or 112 for mobile phones	Person who first notices the pollution incident
Step 3	Does the site need to be evacuated?	Initiate evacuation procedure Safely follow pollution incident procedures	Director / Operations Manager
Step 4	Inform other relevant authorities of the incident	Follow the pollution incident plan contacting the relevant authorities	Director / Operations Manager
<b>Additional staff responsibilities</b>			
Step 5	<b>Onsite Staff</b>	<b>Operations Manager</b>	<b>Director</b>
	Assist with Clean Up	Coordinate onsite plan	Call relevant regulatory authorities as specified on page 5.
	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

Environment Protection Licence (EPL) Details	
<b>Name of licensee:</b> (including ABN)	Davis Earthmoving & Quarrying Pty Ltd ABN: 89 001 288 400
<b>EPL number:</b>	TBC
<b>Premises name and address:</b>	Kariong Sand and Soil Supplies
<b>Company or business contact details</b>	Name: Eric Davis Position or title: Director Business hours contact number/s: (02) 9450 2288 After hours contact number/s: 0414 632 252 Email: <a href="mailto:davisem@davisem.com.au">davisem@davisem.com.au</a> Website address: <a href="http://www.kariongsandandsoil.com.au">www.kariongsandandsoil.com.au</a>
<b>Scheduled activity/activities on EPL:</b>	Resource recovery Waste storage
<b>Fee based activity/activities on EPL:</b>	Recovery of general waste Waste storage – other types of waste

Contact details must include the names, position titles and 24-hour contact details. Details are to include alternative person/s should the primary contact be unavailable.	
<b>PIRMP activation</b>	<b>Name of person responsible:</b> Eric Davis <b>Position or title:</b> Director <b>Business hours contact number/s:</b> 0414 632 252 <b>After hours contact number/s:</b> 0414 632 252 <b>Email:</b> <a href="mailto:davisem@davisem.com.au">davisem@davisem.com.au</a>
<b>Notifying relevant authorities</b> Notification should be made by a person with an appropriate level of authority within the company.	<b>Name of person responsible:</b> Eric Davis <b>Position or title:</b> Director <b>Business hours contact number/s:</b> 0414 632 252 <b>After hours contact number/s:</b> 0414 632 252 <b>Email:</b> <a href="mailto:davisem@davisem.com.au">davisem@davisem.com.au</a>
<b>Managing response to pollution incident</b>	<b>Name of person responsible:</b> Eric Davis <b>Position or title:</b> Director <b>Business hours contact number/s:</b> 0414 632 252 <b>After hours contact number/s:</b> 0414 632 252 <b>Email:</b> <a href="mailto:davisem@davisem.com.au">davisem@davisem.com.au</a>

## Notification of relevant authorities

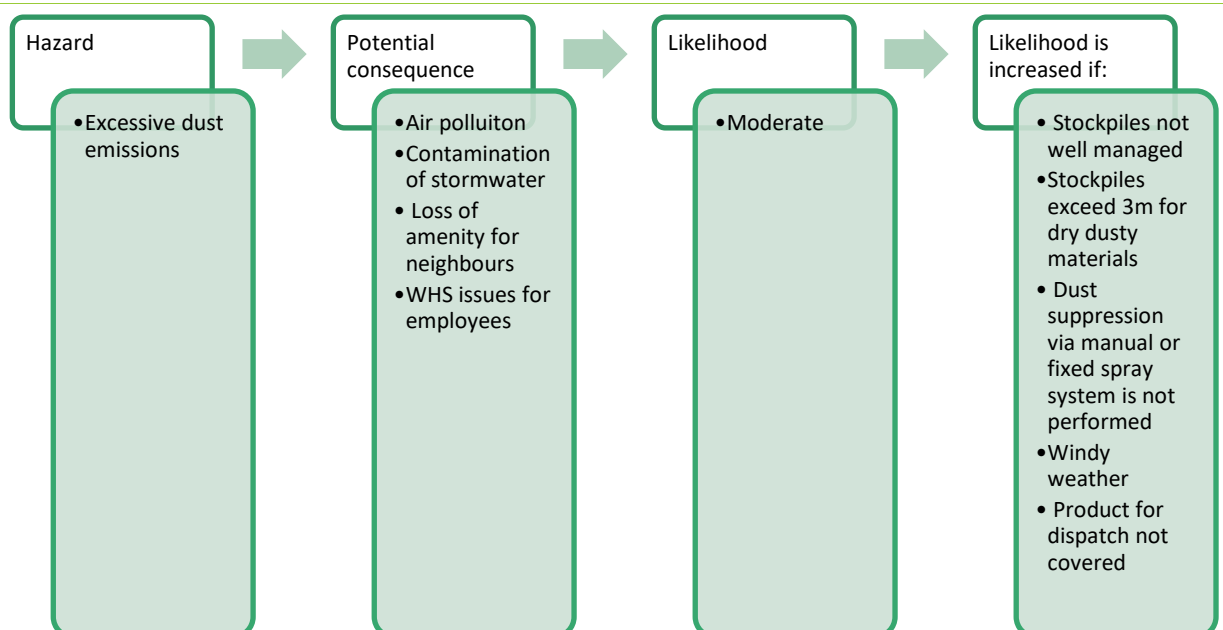
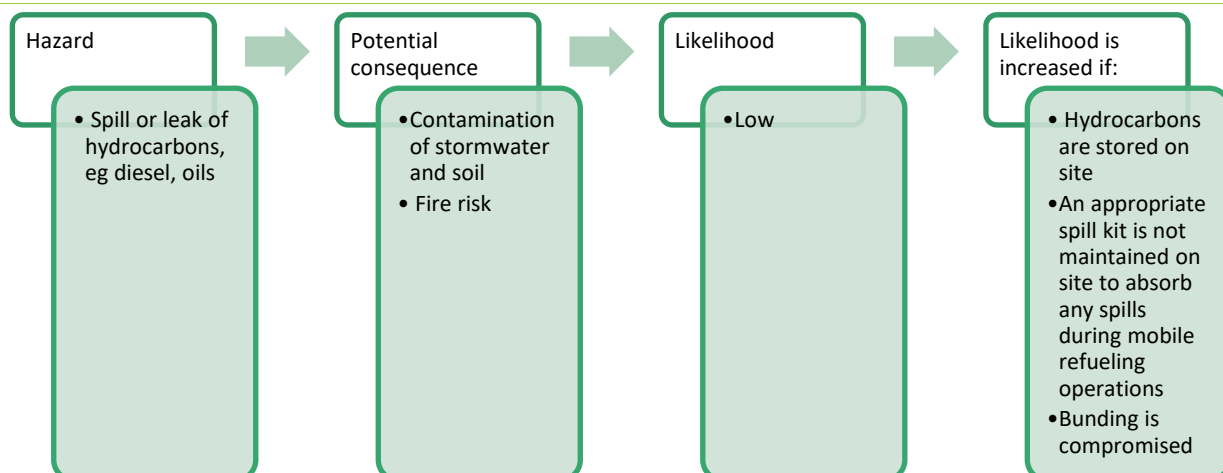
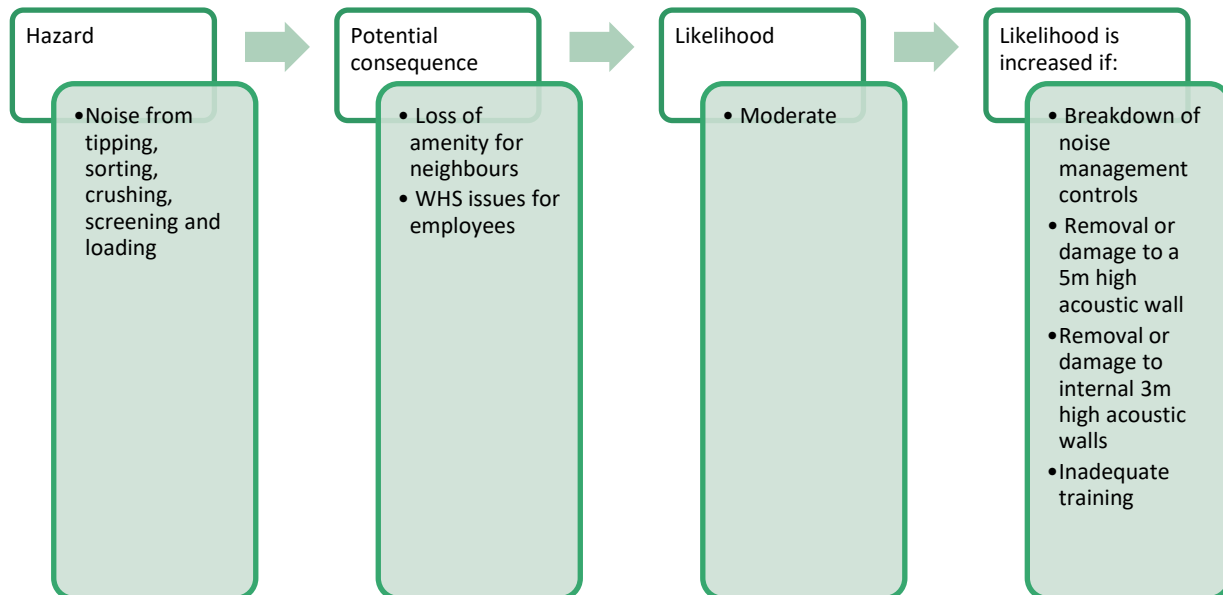
Identify any persons or authorities required to be notified as per Part 5.7A of the POEO Act in case of a pollution incident that causes or threatens to cause material harm to the environment.

<b>Fire &amp; Rescue NSW / Rural Fire Service</b>	<b>Emergency – 000</b> <b>Fire &amp; Rescue Pollution Notification Line – 1300 729 579</b>
<b>Environment Protection Authority</b>	<b>131 555</b>
<b>Health NSW</b>	<b>Central Coast Public Health Unit</b> <b>Business hours: (02) 4320 9730</b> <b>After hours: (02) 4320 2111 (Gosford Hospital) - ask for Public Health Officer on call</b>
<b>SafeWork NSW</b>	<b>131 050</b>
<b>Central Coast Council</b>	<b>(02) 4325 8222</b>

## Notification of neighbouring properties

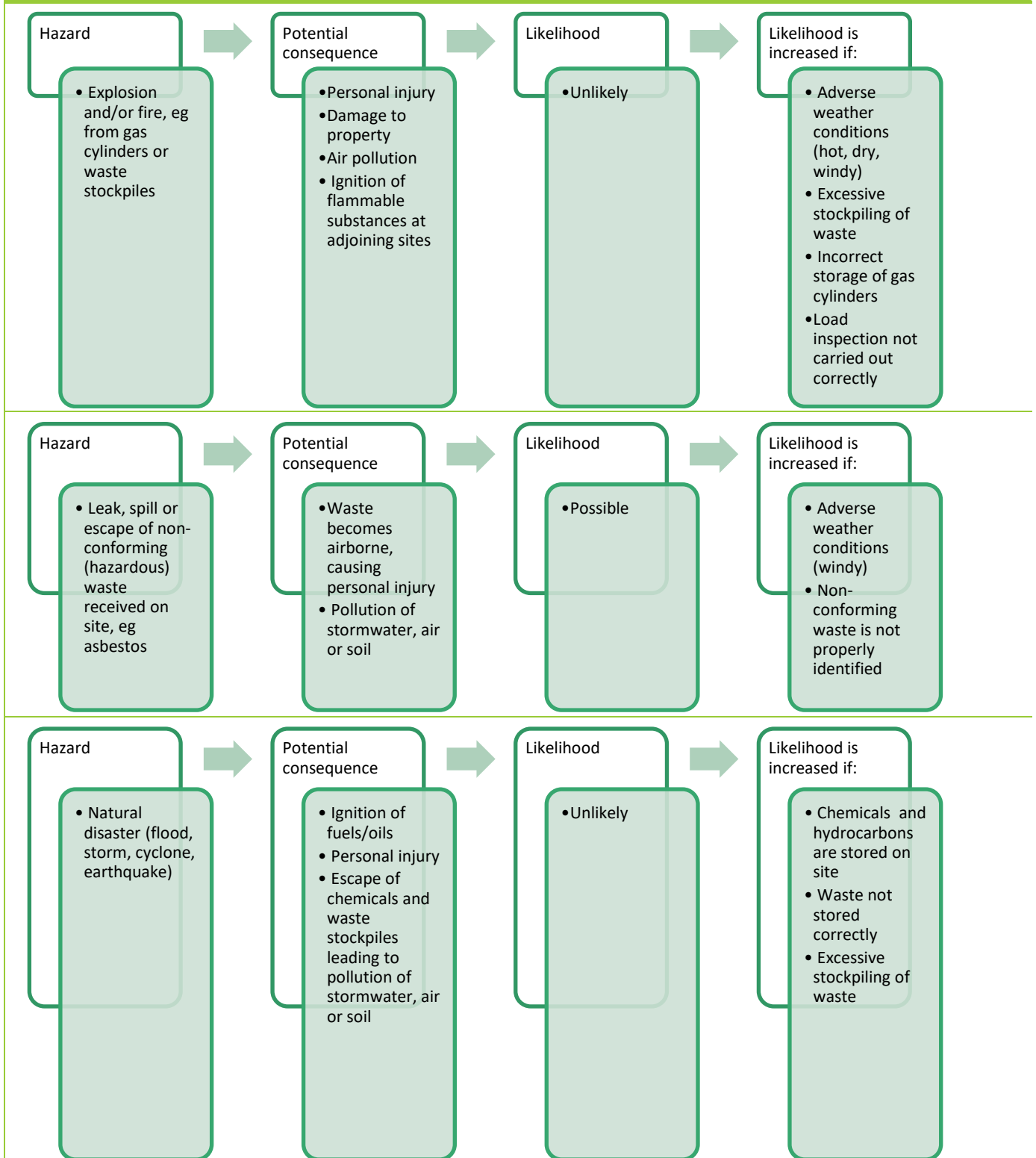
<b>Premises</b>	<b>Address</b>	<b>Contact</b>
<b>Residence</b>	242 Debenham Rd South, Somersby	Door knocking
<b>Residence</b>	12 Acacia Rd, Somersby	Door knocking
<b>Residence</b>	16 Acacia Rd, Somersby	Door knocking
<b>Residence</b>	32 Acacia Rd, Somersby	Door knocking
<b>Central Coast Riding School for the Disabled</b>	1A Central Coast Hwy, Kariong Off Kangoo Rd, Somersby	(02) 4340 0388
<b>Frank Baxter Juvenile Justice Centre</b>	3 Central Coast Hwy, Kariong	(02) 4340 3800
<b>Borg Manufacturing</b>	2 Wella Way, Somersby	(02) 4340 9800
<b>3S Lighting</b>	2 Wella Way, Somersby	(02) 4340 4300
<b>Hunter Lasertek</b>	2 Wella Way, Somersby	(02) 4954 2200
<b>Inovar Pty Ltd</b>	2 Wella Way, Somersby	1300 466 827
<b>Symonite</b>	2 Wella Way, Somersby	1300 300 641
<b>Ausgrid</b>	33 Kangoo Rd, Somersby	13 13 88

Provide a description of the hazards to human health or the environment associated with the activity to which the licence relates. Identify the likelihood of any such hazards occurring, including details of any conditions or events that could, or would, increase that likelihood.





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## Pre-emptive actions to be taken

### Spill or leak of chemicals

- Deploy spill kits
- Protect drains with sandbags / drain covers
- Follow instructions from emergency services/authorities if required
- Dispose of contaminated material through a licenced contractor and facility
- Erect appropriate barriers and signage during cleanup phase

### Spill or leak of hydrocarbons

- Deploy spill kits
- Protect drains with sandbags / drain covers
- Follow instructions from emergency services/authorities if required
- Dispose of contaminated material and soil through a licenced contractor and facility
- Erect appropriate barriers and signage during cleanup phase

### Excessive dust emissions

- Cease operations
- Don PPE (dust masks, safety glasses)
- Apply dust suppression measures eg water cart, sprinklers
- Cover stockpiles where possible
- Protect drains with drain covers

### Explosion or fire

- Deploy fire extinguishers if safe to do so
- Follow instructions from emergency services/authorities if required
- Erect appropriate barriers and signage during cleanup phase
- Firewater to be contained within bunding of Secondary Sorting Warehouse or in OSD pond
- Activate stormwater isolation valve on OSD pond

### Leak, spill or escape of hazardous waste

- Follow instructions from emergency services/authorities if required
- Protect drains with sandbags / drain covers
- Don appropriate PPE and recover waste if safe to do so
- Engage a qualified contractor to recover and dispose of waste if required
- Erect appropriate barriers and signage during cleanup phase

### Natural disaster

- Follow instructions from emergency services/authorities
- Erect appropriate barriers and signage during cleanup phase
- Contact insurance company

Provide an inventory of potential pollutants on the premises or used in carrying out the activity to which the licence relates:

Identify the maximum quantity of any pollutant/s likely to be stored or held at particular locations (including underground tanks) at or on the premises to which the licence relates.

Potential pollutant	Storage location	Maximum quantity on site
Hydraulic oil	Storage area (warehouse)	1,000 Litres
Engine oil	Storage area (warehouse)	1,000 Litres
Gear oil	Storage area (warehouse)	1,000 Litres
Transmission oil	Storage area (warehouse)	1,000 Litres
Degreaser	Storage area (warehouse)	1,000 Litres
Brake fluid	Storage area (warehouse)	500 Litres
Grease drum cartridges	Storage area (warehouse)	100 Litres
Diesel	Storage area (warehouse)	5,000 Litres
LPG (gas)	Storage area (warehouse)	1,000 Kg

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

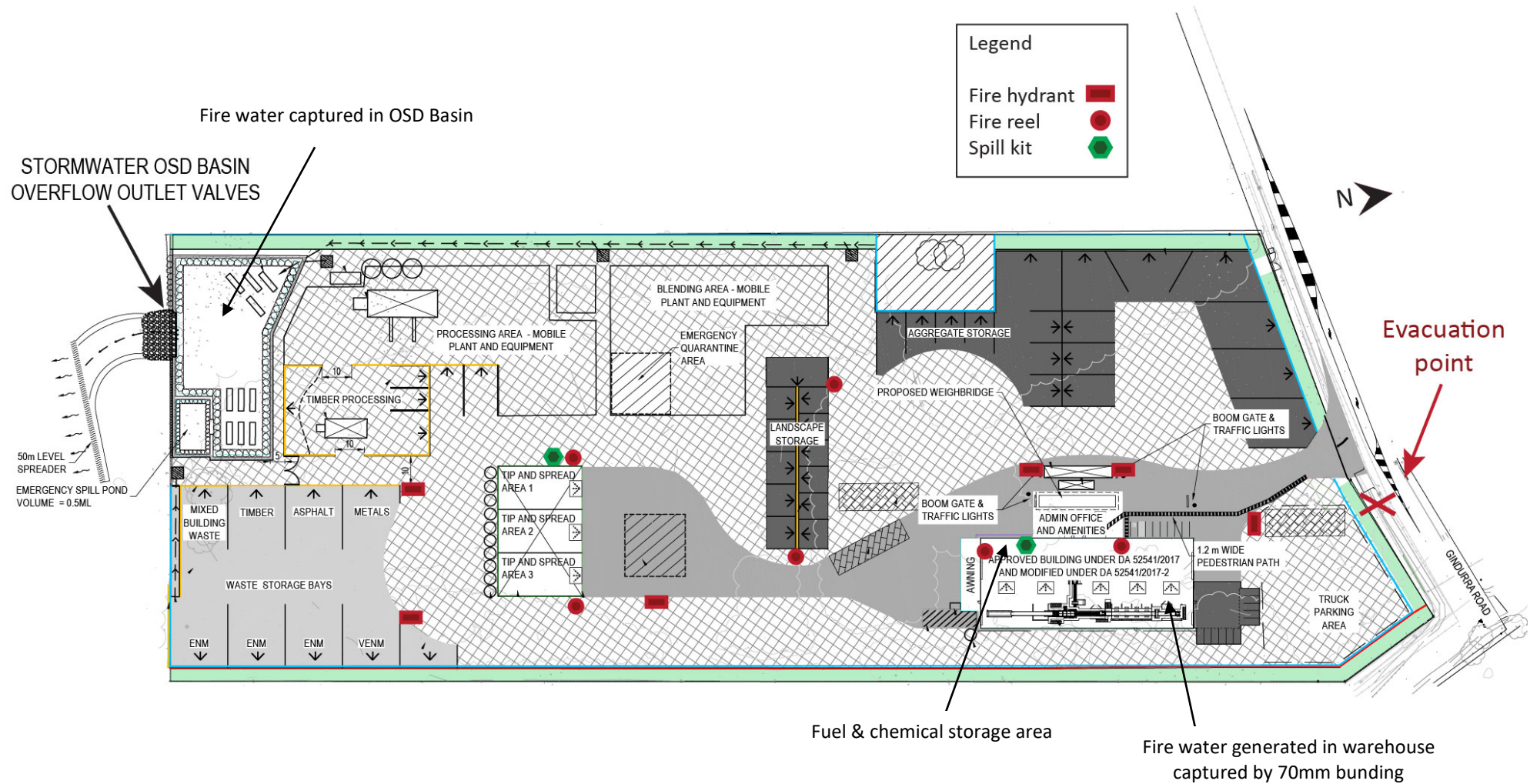
- AS 1596:2014 The storage and handling of LP Gas
- AS 1940:2004 The storage and handling of flammable and combustible liquid
- AS 2030.1:2009 Gas cylinders – General requirements
- Storage and Handling of Dangerous Goods Code of Practice 2005.



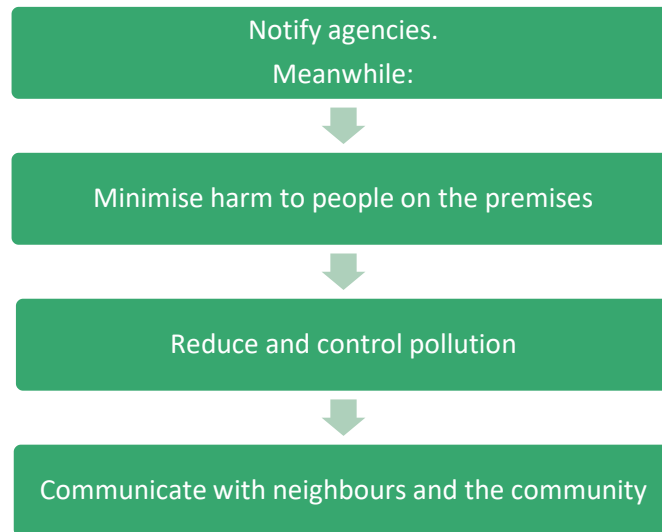
**Describe the safety equipment or other devices used to minimise the risks to human health or the environment and to contain or control a pollution incident:**

Equipment	Location
Spill kits	3 x 120L spill kits <ul style="list-style-type: none"> <li>• 1 x waste receiving area</li> <li>• 1 x office/weighbridge area</li> <li>• 1 x secondary processing building (near fuel &amp; chemical storage area)</li> </ul>
Safety Data Sheets (SDS)	Office
First Aid Kit	Office
Personal Protective Equipment	Worn by staff, spares in office
Traffic bollards and traffic cones	Office
Fire extinguishers	Fire extinguishers: <ul style="list-style-type: none"> <li>• 1 x main office</li> <li>• 5 x secondary processing building</li> <li>• 2 x processing area</li> <li>• 1 x waste receiving area</li> <li>• 1 x mulching building</li> <li>• 1 x crusher building</li> <li>• 1 x each mobile equipment (e.g. front end loader)</li> </ul>
Fire hoses	Fire hoses: <ul style="list-style-type: none"> <li>• 2 x inside Secondary Processing Building</li> <li>• 2 x adjacent to landscape storage area</li> <li>• 2 x adjacent to the Tip and Spread building</li> </ul>
Fire Hydrants	Fire hydrants: <ul style="list-style-type: none"> <li>• 1 x fire hydrant adjacent to the pump house near the site entrance</li> <li>• 2 x adjacent to weighbridge</li> <li>• 1 x adjacent to waste receiving area</li> <li>• 1 x adjacent to waste storage area</li> <li>• 1 x adjacent to mulching building and timber storage</li> </ul>
Fire sprinkler system (Fire drencher)	Manual fire sprinklers located on timber storage bays.
Fire detection system	Automated flame, smoke and infrared detectors fitted multiple points in Secondary Processing Warehouse and Tip and Spread Building. Alarms will be audible and visual, and will activate automatically.  Portable infra-red detection devices for checking stockpiles. Stored in office.

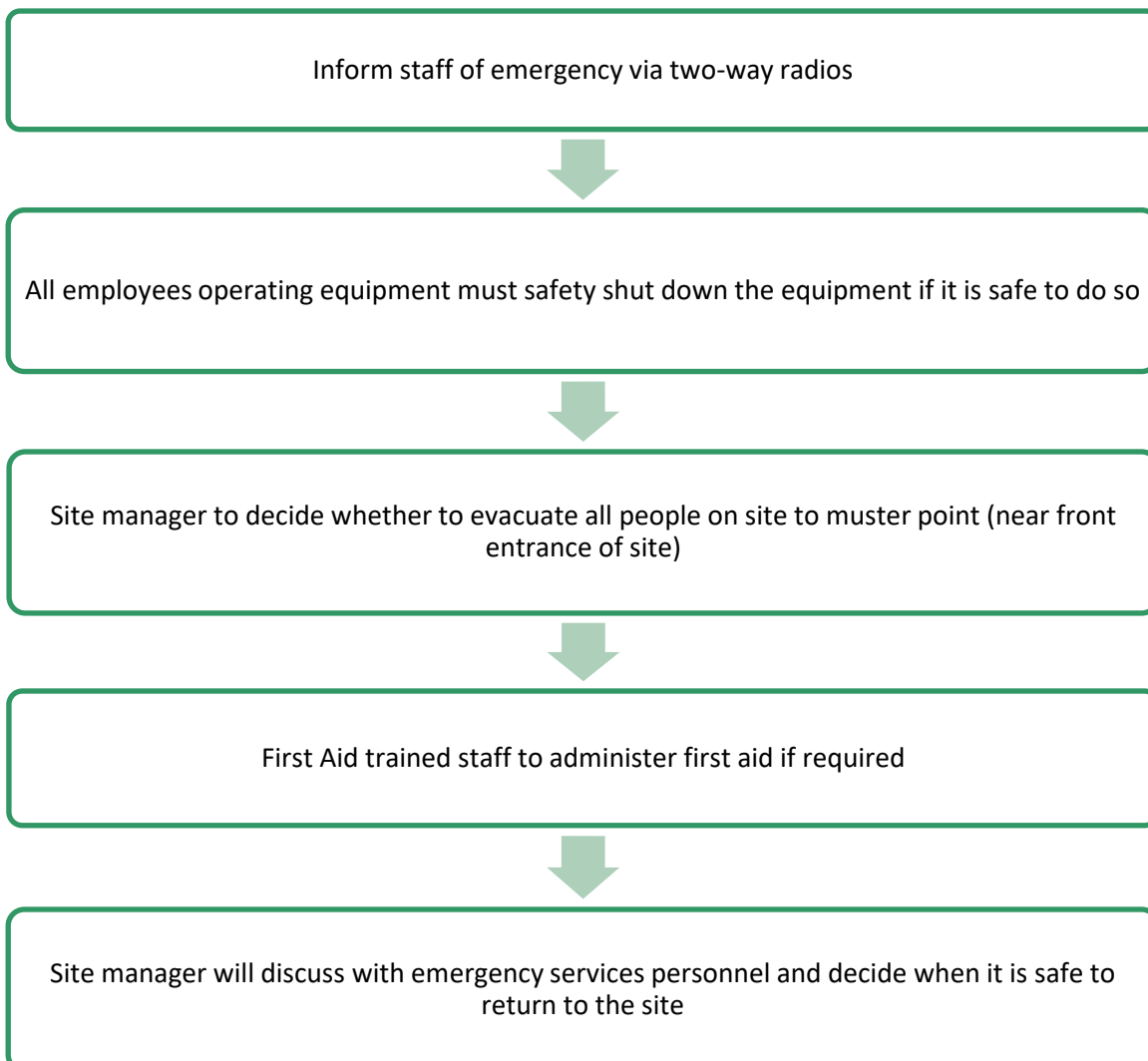
## Evacuation and Firefighting Diagram



### Actions to be taken during or immediately after a pollution incident



### Minimise harm to people on the premises



### **Coordinating with persons**

**The key contact for the site in the event of an emergency is the Operations Manager / Chief Warden. The Communications Officer will co-ordinate communication with staff and authorities, acting under the instructions of the Chief Warden.**

### **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.**

### **Testing and updating of the PIRMP**

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