



# **POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN**

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## **Document Distribution**

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WHS Procedures Folder

Workshop (readily available to staff and authorised NSW EPA officers on request)

Mac Marine Group Website

## **1. Purpose and Scope**

This Pollution Incident Response Management Plan (PIRMP) has been developed to describe Mac Marine Group's response to a potential pollution incident and to meet the requirements of the Protection of the Environment Operations Act (POEO Act 1997).

The PIRMP covers the property at Suite 7, 1 Queens Parade, Newport, including the workshop, hardstand and Mac Marine Group's work berths with an Environmental Protection Licence (EPL). The plan covers description of potential hazards, actions to be taken to prevent additional environmental harm and details of communication required in the event of an incident. The plan is based on a risk assessment of the site.

## **2. Process**

In the event of a pollution incident:

STEP 1: Follow suitable Emergency Response Procedures and notify the designated Safety Warden.

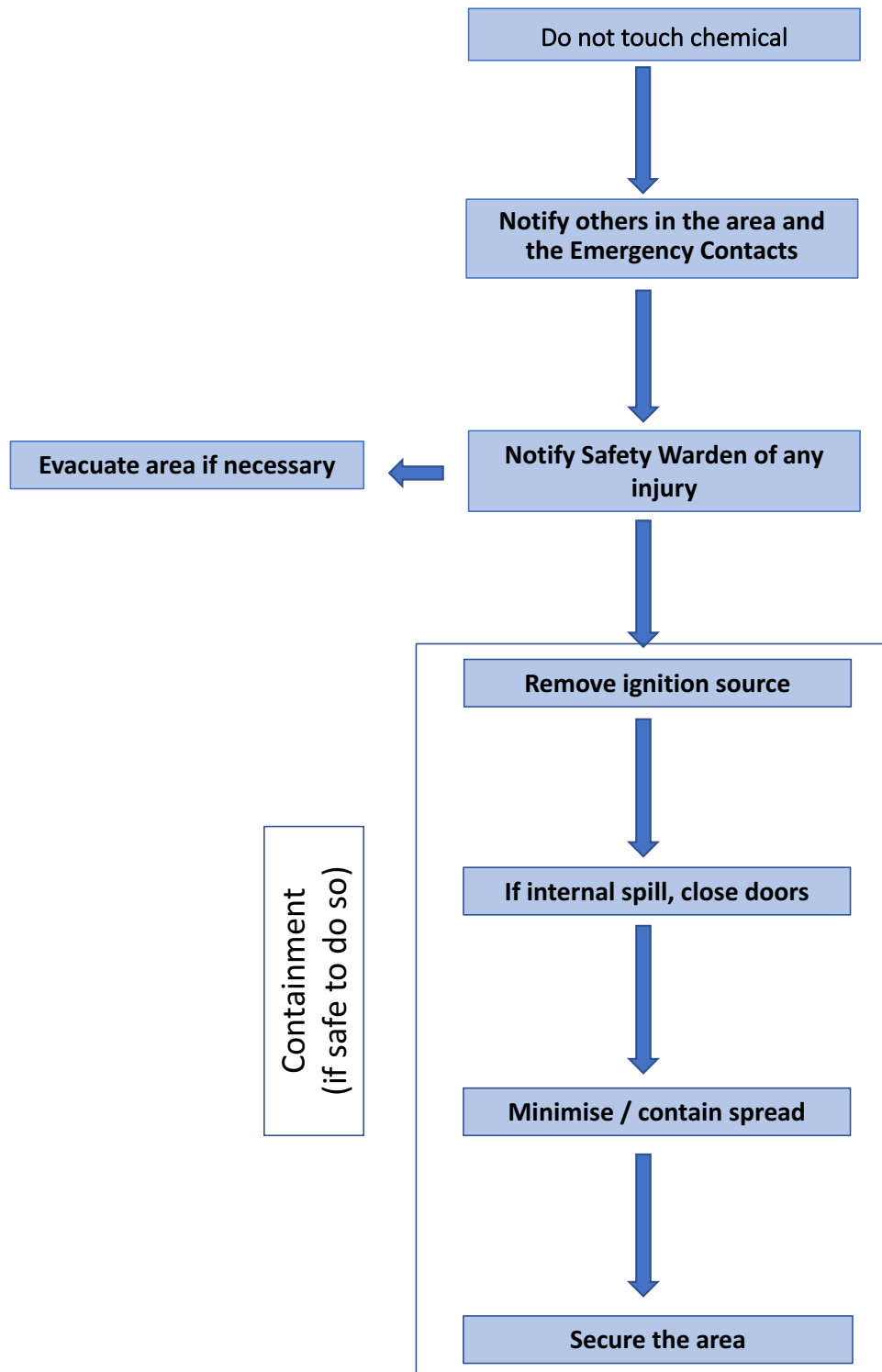
STEP 2: Contain the incident where possible.

STEP 3: The Safety Warden will notify the Personnel responsible from section 8.1 in listed order.

STEP 4: The most senior of the personnel responsible in section 8.1 that is contacted, will complete the notification required in section 8 if the pollution incident meets the definition in section 3.

The remainder of this document is set out to meet the requirements of the legislation.

## WHAT TO DO IN THE CASE OF A CHEMICAL SPILL OR ENVIRONMENT INCIDENT



### 3. Definition of Pollution Incident

A *pollution incident* means an incident or set of circumstances during or a consequence of which there is or is 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 premises, but it does not include an incident or set of circumstances involving only 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 POEO Act as:

- a) Harm to the environment is material if:
  - (i) it involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or
  - (ii) it results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (or such other amount as is prescribed by the regulations), and
- b) Loss, including 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.

### 4. Description and Likelihood of Hazards

Potential Hazard	Likelihood
Release of Diesel Fuel	LOW
Release of Dust	LOW
Release of Contaminated Water	LOW
Release of Non-Flammable Chemicals	LOW
Release of Flammable Liquids	LOW

### 5. Pre-emptive Actions to be Taken

#### Flammable Liquids

There is a quantity of flammable liquids used in our Workshop and Yard, of which has a bunded area or catchment pit should there be any spill. All paints and highly flammable liquids are stored in ISO approved storage containers.

#### Non-Flammable Chemicals

These are stored in the raw materials storage area behind a bund and covered by an awning. The area has sufficient capacity to catch any spill.

#### Diesel Fuel

Diesel fuel is stored in an Australian standard approved fuel cell. The fuel cell is inspected regularly for leaks as per legislation and is stored within bunded area.

#### Contaminated Water

All storm water runoff will be directed to the relevant sediment control and water treatment

system for the site. An extensive water treatment plant is set up to treat and dispose of contaminated water in accordance with Sydney Water and current Trade Waste Agreement.

## **Dust**

Dust mitigation controls include a sealed and ventilated shed to provide dust suppression around vessels as required. Raw materials are stored in material storage bins. Tarps are used to cover raw materials when they are not in use to reduce the chances of wind or water distributing it out of the material storage bins. Vacuum extracted power tools are used on site for dust mitigation.

## **6. Inventory of Pollutants**

<b>Pollutant</b>	<b>Type</b>
Diesel Fuel	Diesel
Paints	Flammable Liquid
Thinners	Flammable Liquid
Mineral Turpentine	Flammable Liquid
Hydrochloric Acid	Non-Flammable Chemical

Refer to WH&S Procedures Manual for Material Safety Data Sheets for the various pollutants.

## **7. Safety Equipment and Minimising Risk**

Spill kits and booms are available on site to use in case of localised spills. High pressure water is available for dust control. Silt traps are designed to catch any potential spill event should it not be contained with spill control measures. Safety Data Sheets (SDS) are made available to reference PPE, emergency and first aid procedures for each substance if any when required.

All PPE required is readily available.

Hazardous material store is accessed only by persons who are knowledgeable and trained on hazardous substance use. Emergency evacuation procedures and emergency assembly point details are provided in the Workshop, office and detailed in our WH&S Procedures Manual. Training is undertaken by all workers in site induction.

## **8. Contact Details**

### **8.1 Personnel Responsible for the Site**

The following table outlines the personnel responsible for the site.

<b>Title</b>	<b>Name</b>	<b>Contact Number</b>
Director	Christian McLennan	0431 621 045
Director	Todd McLennan	0468 946 636
Operations Manager (Safety Warden)	Ryan Waters	0407 256 285

## 8.2 Notification of External Parties

The following table outlines the contact details and correct sequence for notification in the event of a notifiable pollution incident. The personnel responsible will carry out the notifications required by the table below.

Emergency Services (if dealing with an emergency)	Police Fire Ambulance	000
Environment Protection Authority		131 555
Ministry of Health NSW		9391 9000
Work Cover NSW		131 050
Northern Beaches Council		1300 434 434
Fire and Rescue NSW	For incidents that are not an emergency	1300 729 579

NOTE: Phone numbers are current as at the date of this document

## 8.3 Communicating with Neighbours and Local Community

In the event of a notifiable incident, neighbouring properties will be door knocked and/or phoned to communicate the situation.

## 8.4 Minimising Harm to Persons on the Premises

Refer to the Emergency Response Procedures for the site. At all times, minimising harm to persons shall be the priority.

## 9. Training, Testing and Review

Mac Marine Group will review the PIRMP annually. Desktop updating of the plan will be carried out at the time of review. Practical testing should be carried out simultaneously with Evacuation Drills in Emergency Response Procedures. All Emergency Wardens will be trained in the PIRMP.

A copy of this plan will be given to personnel responsible for the site, including the Directors, the Safety Warden and copies will be kept in the office Emergency Procedures folder.

## 10. Testing Records

Date Carried Out	Conducted By	Comments / Suggestions
19/1/19	Christian McLennan	Update document to suit EPA recommendations
19/2/20	Christian McLennan	Update document and check contact details
10/8/20	Christian McLennan	Check contact details. Staff meeting to discuss again
8/1/21	Christian McLennan	Review. Check contact details. Re-familiarise with staff
11/7/21	Christian McLennan	Update document and check contact details
7/2/22	Christian McLennan	Review PIRMP. Re-familiarise with staff
12/10/22	Christian McLennan	Review PIRMP. Re-familiarise with staff
24/4/23	Christian McLennan	Update document and check contact details