



**POLLUTION INCIDENT RESPONSE  
MANAGEMENT PLAN  
(PIRMP)**

UPDATED 13<sup>th</sup> December 2019

1-13 Mangrove Lane, Taren Point 2229

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[www.marinabayside.com.au](http://www.marinabayside.com.au)

[EPA LICENCE NUMBER: 11329](#)

24 hour emergency contact: Michael Schlesinger – General Manager  
0448 038 500

# OBJECTIVES

The outcomes to be achieved by this PIRMP are to:

1. Pre-emptive actions to be taken
2. Inventory of pollutants stored on the premises
3. Safety equipment used on the premises
4. Communicating with neighbours and the community
5. Minimising harm to persons and the environment on the premises
6. Actions to be taken during or immediately after a pollution incident on the premises
7. Description and likelihood of hazards
8. Staff training

# 1. PRE-EMPTIVE ACTION TO BE TAKEN TO MINIMISE OR PREVENT RISK OF HARM TO HUMAN HEALTH OR THE ENVIRONMENT

Equipment	location	Action
Land based boom	Spill kit	Control area of hazard
Floating boom	Spill kit	Control area of hazard in the water
Absorbent pads	Spill kit & store	Place on area to absorb hazard and stop from spreading
Saw dust	Saw dust bins	Place on area of spilt paints and resins, stop from spreading, absorb and dispose
Organic absorbent	Spill kit	Sprinkle over area of hazard on land or water ideal for fuels and oils
Washing liquid	Store/kitchen	For use in dispersing oil and fuel on water
Air horn	Main office/workshop/showroom	Used to alert all people on site in case of an emergency to evacuate to the emergency assembly point
Fire extinguishers	Various, see site map	To be used in the first response against fire if safe to do so
Fire hose	Various, see site map	To be used in the first response against fire if safe to do so
Heavy duty Rubber mat	Storm water drain cover	Place over drain cover to prevent contaminated entry

## 2. POTENTIAL POLLUTANT LIQUIDS STORED ON SITE AND MAXIMUM QUANTITIES

Item	Max quantity - litres	Location	Comment
Paint, various	300	Flammable liquids store	antifouls, single and two pack coatings
Thinner	40	Flammable liquids store	Thinning paint products
Gunwash	40	Flammable liquids store	Cleaning painting equipment
Mineral Turps	40	Flammable liquids store	Cleaning product
Methylated spirits	40	Flammable liquids store	Cleaning product
Acetone	40	Flammable liquids store	Used mostly for fibreglass repairs
lubricant	20	Flammable liquids store	For use of maintenance only
Diesel fuel	400	Utility vehicle	Specialised Diesel tank, lockable with Electric pump
Polyester resin	40	Flammable liquids store	Used for vessel repair
Epoxy resin	60	Flammable liquids store	Used for vessel repair

### 3. DESCRIPTION OF SAFETY EQUIPMENT USED TO MINIMISE RISK TO HUMAN HEALTH OR THE ENVIRONMENT

Item	Purpose	Comment
Paper dust mask	Capture minor airborne particles	PPE To be worn while performing minor tasks
Respirator	Capture fumes and airborne	PPE to be worn while performing, grinding, drilling or while using chemicals
Paper suit	To protect skin contact with chemicals	PPE to be worn while performing tasks using any chemicals that should not be in contact with the skin
Dust extraction attachment for angle grinder and sander	To capture debris and airborne particles	To be used in conjunction with the angle grinder and vacuum when grinding fibreglass and other material
Dust extractor	To capture airborne dust	Generally used within a confined space or encapsulation, captures airborne dust and debris which can then be safely disposed of
Saw dust bins	Absorb heavy liquids	If a minor heavy liquid spill would occur, such as paint on land this can be used to absorb the product prior to cleaning
Spill kit	Contain a spill on land or on water	The spill kit is located in a labelled bright yellow wheely bin, it contains absorbent pads, a floating boom that can be used on land and water and organic granular absorbent particles which can also be used on land or water

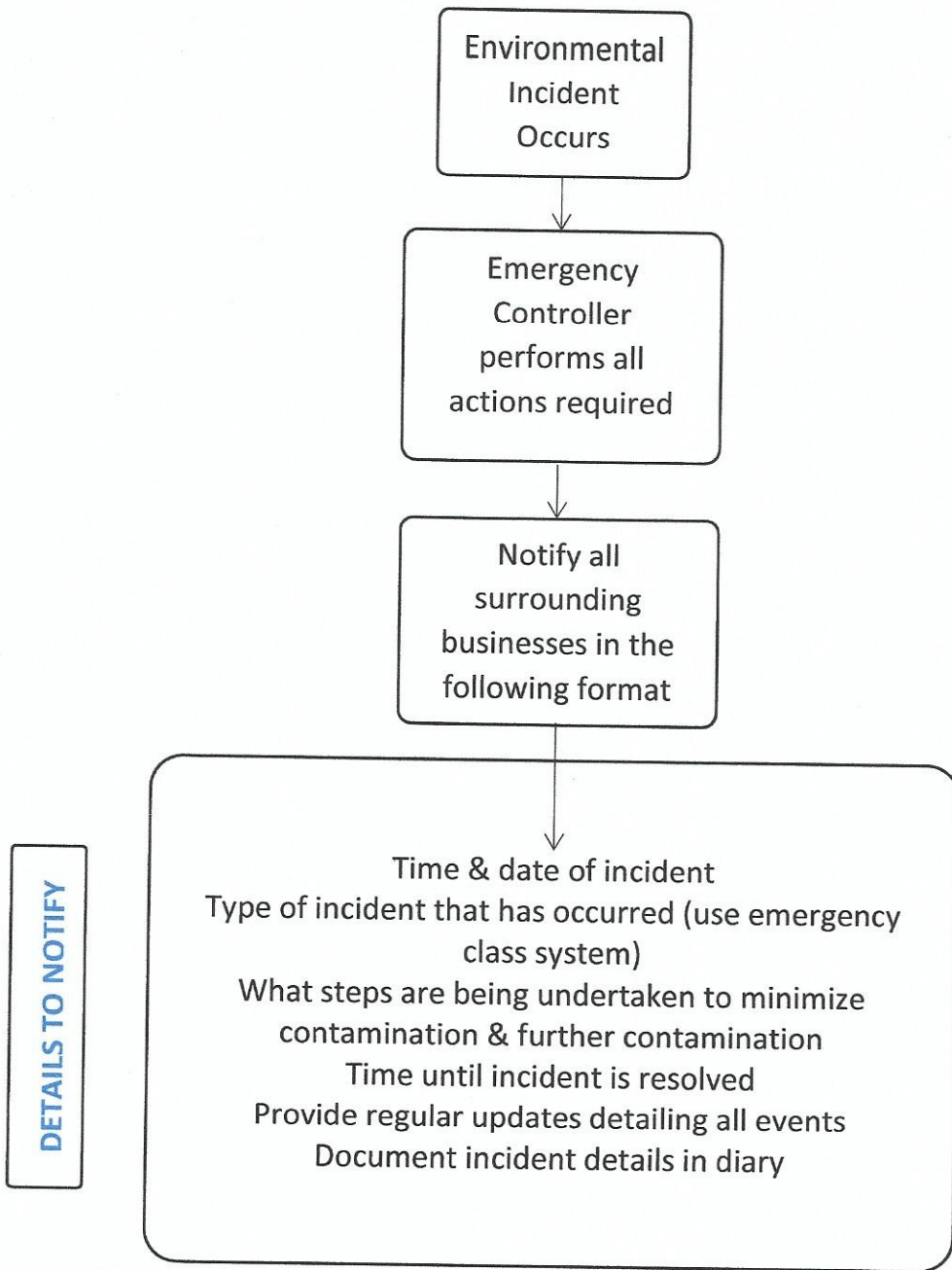
## 4. POLLUTION INCIDENT NOTIFICATION LIST

CATEGORY	CONTACT	NUMBER
<b>Emergency Services</b>	<b>Fire, Ambulance, Police</b>	<b>000</b>
External Authority	Sutherland Shire Council	9710 0333
External Authority	Environmental Protection Authority	131 555
External Authority	Department of Primary Industries	9529 6021 or 0408 601 951
External Authority	Department of Planning and Environment	1300 305 695
External Authority	Work Cover NSW	13 10 50
External Authority	NSW Fire & Rescue	(02) 9265 2999
External Authority	Ministry of Health	(02) 9391 9000
External Authority	Sydney Airport	9667 6111
External Authority	Sydney Ports Corporation	(02) 9296 4999
External Authority	Water Police NSW	(02) 9320 7499
External Authority	Marine Rescue NSW	(02) 9450 2468
Neighbouring Business	Shell Point Marina	(02) 9524 7170
Neighbouring Business	St George Motorboat Club	(02) 9529 7276
Neighbouring Business	St George Sailing Club	(02) 9529 4911
Neighbouring Business	Georges River Sailing Club	(02) 9529 3000
Neighbouring Business	Sylvania Marina	(02) 9522 7430
Neighbouring Business	Viking Marine	(02) 9525 0188
Neighbouring Business	Onboard Engineering	(02) 9540 5222
Neighbouring Business	Southside Shipwrights	(02) 9540 3287
Neighbouring Business	HellermannTyton	1800 815 018
Neighbouring Business	Bayside Ski and Wake	(02) 8866 2466
Neighbouring Business	Dyson Appliances	1800 239 766
Neighbouring Business	Bass & Flinders Cruises	(02) 9529 8000
Neighbouring Business	Tom Ugly's Bridge Marina	(02) 9522 8888

In case of emergency the Environmental Protection Agency, Sutherland Shire Council, Workcover, NSW Fire and Rescue and Health Authority will be notified by phone.

Updates will be posted on the website for all neighbouring businesses.

# POLLUTION INCIDENT NOTIFICATION PROCEDURE

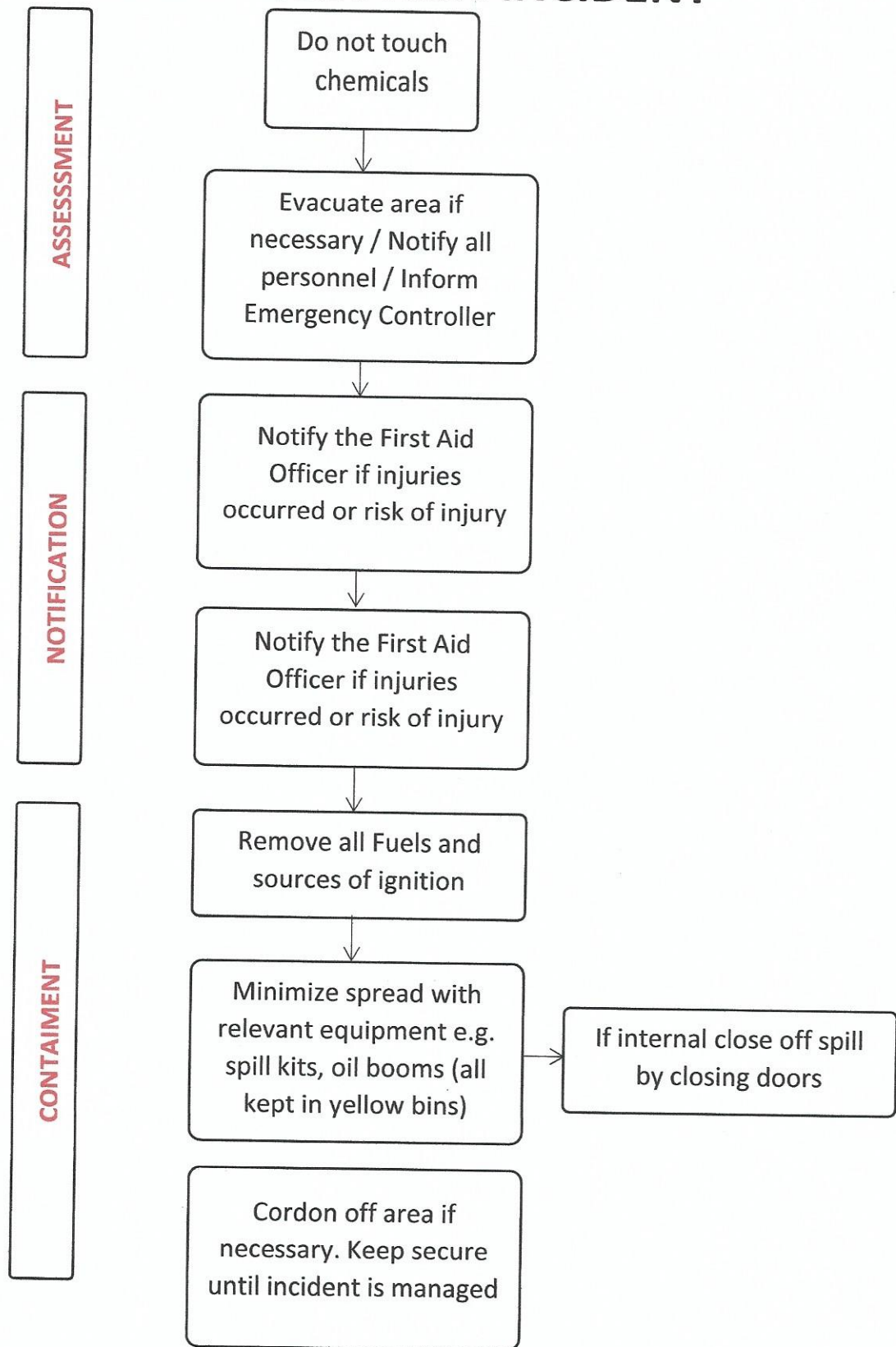


## 5. A DESCRIPTION OF HAZARDS TO HUMAN HEALTH AND OR THE ENVIRONMENT

HAZARD DESCRIPTION	HUMAN HEALTH	ENVIRONMENT
Painting via roller application, contact with skin	Yes	No
Painting via spray application, contact with skin, contact with respiratory system	Yes	Yes
Sanding, contact with skin, contact with respiratory system	Yes	Yes
Grinding, contact with skin, contact with respiratory system	Yes	Yes
Removing marine growth from hulls via high pressure washing	Yes	Yes
Removing marine growth from hulls via hand scraping	Yes	Yes
Machining / cutting timber	Yes	No
Fibreglass repairs, contact with skin, contact with respiratory system	Yes	Yes
Heavy lifting	Yes	No
Vessels in our care having liquid leaks, fuels, oils, other	Yes	Yes



## 6. WHAT TO DO IN THE CASE OF A CHEMICAL SPILL OR POLLUTION INCIDENT



## 7. MARINA BAYSIDE DESCRIPTION AND LIKELIHOOD OF HAZARDS

Identified Main Hazard	Description	Likelihood of Hazard Occurring	Pre-emptive actions taken
<b>Spillage of Paints</b>	Various paints used on site, mainly antifoul. Generally order only 40 litres at a time in 10 litre tins. When new, the tins are located in the store, once the tins have been opened they are located in the dangerous goods store.	Likelihood of spillage is low	All open paint tins are located on top of a drop sheet or board when in use. If a spill would occur, activity would stop until the spillage was cleaned up.
<b>Spillage of resins</b>	Our site uses polyester and epoxy resin and their relevant hardeners, these generally come in 4 or 20litre tins. They are located in the dangerous goods store.	Likelihood of spillage is low	All open resin tins and containers are located on top of a drop sheet or board when in use. If a spill would occur, activity would stop until the spillage was cleaned up. All catalysed resin is located in a heatproof container until fully cured and then safely disposed of.
<b>Diesel fuel spill</b>	Diesel fuel is kept on site at a maximum of 400 litres, it is used to re fuel our machinery on site	Likelihood of spillage is low	No refuelling is done over the water, we always have a spill kit within reach. In case of a spill, we would stop immediately and utilise the spill kits to clean up safely

<b>Hydraulic oil spill</b>	Hydraulic oil is a thin clear oil that is used on site to run the hydraulics on our machinery	Likelihood of spillage is low	No topping up of oil is done over the water, we transfer the oil via a manual hand pump which is well controlled. We always have a spill kit within reach. In case of a spill, we would stop immediately and utilise the spill kits to clean up safely, This task is generally done once every 12 months.
<b>Acetone</b>	A clear volatile and highly flammable liquid, kept in 20 litre drums in our dangerous goods container, generally used for surface preparation before using resins	Flammable fumes within a confined environment	Use in an open area where possible, otherwise create extraction and circulating air when using within a confined space, no power tools or ignition sources. Always wear relevant PPE and do not work alone, Clean up immediately if a spill occurs
<b>Mentholated spirit, working within a confined space and spillage</b>	A clear volatile and highly flammable liquid, kept in 20 litre drums in our dangerous goods container, generally used for cleaning before painting	Flammable fumes within a confined environment	Use in an open area where possible, otherwise create extraction and circulating air when using within a confined space, no power tools or ignition sources. Always wear relevant PPE and do not work alone, Clean up immediately if a spill occurs
<b>Mineral turpentine, working within a confined space and spillage</b>	A clear volatile and highly flammable liquid, kept in 20 litre drums in our dangerous goods container generally used for cleaning painting equipment	Flammable fumes within a confined environment	Use in an open area where possible, otherwise create extraction and circulating air when using within a confined space, no power tools or ignition sources. Always wear relevant PPE and do not work alone, Clean up immediately if a spill occurs

<p><b>Gunwash</b>, working within a confined space and spillage</p>	<p>A clear volatile and highly flammable liquid, kept in 20 litre drums in our dangerous goods container generally used for cleaning adhesives</p>	<p>Flammable fumes within a confined environment</p>	<p>Use in an open area where possible, otherwise create extraction and circulating air when using within a confined space, no power tools or ignition sources. Always wear relevant PPE and do not work alone, Clean up immediately if a spill occurs</p>
<p><b>Thinner</b></p>	<p>A clear volatile and highly flammable liquid, kept in 20 litre drums in our dangerous goods container generally used for thinning paints and cleaning</p>	<p>Flammable fumes within a confined environment</p>	<p>Use in an open area where possible, otherwise create extraction and circulating air when using within a confined space, no power tools or ignition sources. Always wear relevant PPE and do not work alone, Clean up immediately if a spill occurs</p>

## 8. STAFF TRAINING AND TESTING

Staff have been trained in how to handle any hazards at our Toolbox meeting held 13<sup>th</sup> December 2019, the attendance and agenda has been recorded and kept on file in the office. The PIRMP has also been implemented and tested during this meeting.

Any changes that are made to the PIRMP will be updated immediately with the file to be save on the reception computer desktop.

Date of test	Name of tester	Comments
31 <sup>st</sup> July 2017	Michael Schlesinger	Toolbox meeting
14 <sup>th</sup> Sept 2018	Michael Schlesinger and Kirsty Pearson	Revision and update of PIRMP
28 <sup>th</sup> August 2019	Michael Schlesinger and Kirsty Pearson	Revision and update of PIRMP
13 <sup>th</sup> December 2019	Michael Schlesinger and Kirsty Pearson	Revision and update of PIRMP
13 <sup>th</sup> December 2019	Michael Schlesinger	Toolbox meeting

# WHAT IS AN EMERGENCY

An emergency is a situation that poses an immediate risk to health, life, property or environment. Most emergencies require urgent intervention to prevent a worsening of the situation, although in some situations intervention is not possible and only assistance for dealing with the aftermath is possible. An emergency horn will be activated, followed by a site evacuation.

## WHAT ARE TYPES OF EMERGENCIES

- Explosion of fire
- Chemical spill or environmental incident
- Serious injury
- Severe weather

We have established 3 levels of emergency as follows:

Emergency Level	Types of Incidents
<b>1 (Low)</b>	Minor or no injuries Low risk of continuation Minor loss of assets Minimal employment of emergency plan Minor or no evacuation No threat to contamination of environment.
<b>2 (Serious)</b>	Injuries with the possibility of further injuries to others. Risk of continuation without intervention Severe loss of assets Deployment of internal and external resources to combat incident Possible site evacuation Actual or possible contamination of the environment
<b>3 (Severe)</b>	Injures requiring hospital admission and or casualty Probable continuation of risk Major or total loss of assets Deployment of all external resources and authorities Total site evacuation Contamination of the environment

# Marina Bayside Site Map

Property boundary

Pollutants storage

Storm water drain

Surrounding  
pollution zone

Mangrove Lane



- ★ Fire extinguisher
- ★ Fire reel

Google Earth  
Imagery Date: 12/9/2018 34°0'24.49" S 151°07'53.86" E elev. 0 m eye alt. 140 m



## FIRST AID OFFICERS



**Name: Mike Schlesinger**

**Title: General Manager**

**Contact: 0448 038 500**

**Location: Office - Yard**



**Name: Andrew Rowan**

**Title: Shipwright**

**Contact: 0433 253 709**

**Location: Yard – Workshop**