

ADBRI MASONRY PTY LTD
Nowra



*POLLUTION INCIDENT
RESPONSE MANAGEMENT
PLAN*

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INTRODUCTION

This Pollution Incident Response Management Plan (PIRMP) has been prepared for use by Adbri Masonry Pty Ltd ACN 009 687 521 operating on the Prosperity Road site in South Nowra.

Facility Information

The facility details, as defined in Environmental Protection Licence EPL 12722 are:

Adbri Masonry Group PTY LTD
ACN 055 701 034
2 Prosperity Road,
NOWRA, NSW, 2541

Site Overview

The premises and facilities associated with EPL 1199 are wholly owned by Adbri Masonry Group Pty Ltd and operated by Adbri Masonry Pty Ltd. Both companies are wholly owned subsidiaries of Adelaide Brighton Ltd ACN 007 596 018 (ABL). The premises and facilities covered under this licence are located within the boundary of 2 Prosperity Road.

The manufacture of concrete Masonry Products has been conducted on this site under various business names since 2004. ; Cement, sands and other aggregates are delivered to site by truck where they are stored in ground bunkers and silos. These raw materials are combined to produce concrete masonry products in the manufacturing facility at the rear of the site, stored in the distribution yard and then despatched as palletised loads by an external transport company.

The environmental contact for Adbri Masonry Nowra is: -

Mr. Shaun Merrick

Mobile Contact: 0417 398 740

In general all activities carried out on site must comply with the relevant provisions of all environmental legislation. The site contact shall be available to the EPA on a 24 hour basis and have authority to take any action to mitigate pollution on the site as directed by an authorised officer of the EPA.

This Pollution Incident Response Management Plan has been developed in accordance with the requirements of the *Protection of the Environment Operations (General) Amendment (Pollution Incident Response Management Plans) Regulation 2012*.

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The objectives of the plan (as per the EPA's Environmental Guidelines for the preparation of pollution incident response management plans) are to:

- Ensure comprehensive and timely communication about a pollution incident to staff at the premises, the Environment Protection Authority (EPA), other relevant authorities and community members who may be affected by the impacts of the pollution incident;
- Minimise and control the risk of a pollution incident at the facility by requiring identification of risks and the development of planned actions to minimise and manage those risks; and
- Ensure that the plan is properly implemented by trained staff, identifying persons responsible for implementing it, and ensuring that the plan is regularly tested for accuracy, currency and suitability

POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

Possible Pollution Incidents

Definition of a Pollution incident: *'Pollution incident means an incident or set of circumstances during or as 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'*

The emergencies that could occur on site that would be considered as causing actual or potential material harm to the environment are:

- Silo rupture with external release (to air – silos located on the south east corner of site)
- Feed screw or valve failure resulting in unabated flow and internal release (inside production building)
- Cement / Fly ash pipe/air slide rupture

Potential areas affected

Personnel – exposure to dust. Dust masks are available on site and would be given to everybody working in contaminated areas in the event of a spill.

Waterways & marine life – runoff into drains leading to storm water. All site water leads to water catchment pond on the south eastern boarder of site. All drains in the affected area would be covered to prevent any product getting down into them.

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Inventory of Potential Pollutants

Potential Pollutant	Maximum amount able to cause pollution event
Additives	7000 litres
Lube oil for mills	1250 litres
Ecocem	70 ton
Cement	160 ton
Aggregates stored in bins	3600 ton

Pre-emptive Actions

The actions to be taken to prevent any of the above listed possible pollution incidents will be regular maintenance checks carried out on all silos, bins and critical valves. These checks will be carried out as part of the overall general site maintenance. Silos/bins are fitted with sensor to provide an early warning ensuring they are not overfilled.

Environmental Clean Up Equipment

The clean up equipment available on site is 1 spill response kit for oil, chemical or product spills and is located in the production building. These kits contain the following or similar items:

Item	Number
Sucker up 100% organic absorbant bag	1
Hydrocarbon absorbant pads	50
PVC Gloves – GP27	1 pair
100% organic mini blooms	2
Contaminated waste bags and ties	5
Weather proof cap	1
Mop S	10
Instruction Card	1

For small product spills shovels, absorbent materials (sand) and wheelbarrows are available at various areas around site.

For any large releases of product, a sucker truck would be required and sourced from either Transpacific or Veolia Environmental Services. (see below for contact numbers)

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ACTION TO BE TAKEN TO CONTROL POSSIBLE INCIDENTS THAT COULD CAUSE ACTUAL OR POTENTIAL MATERIAL HARM TO THE ENVIRONMENT

Internal Release

Internal release would be when a bin, silo or other item ruptured or a valve/screw failed so as to allow the unabated flow of product, occurred inside a building e.g. inside the production building.

If this were to occur:

- Dust masks would be issued to all those working in the area
- If possible the flow/spillage will be stopped.
- All doors would be left shut to contain the spill.
- The environmental reporting section of this procedure would be activated.
- A vacuum truck or industrial vacuum would be brought in to suck up the spillage and recycle it if possible. The company that would be used for this purpose is South Coast Liquid treatment - contact No. 44210000
- The emergency evacuation alarm would be sounded if deemed necessary as per the emergency procedure to alert any person on site to attend to the emergency assembly area therefore ensuring they were kept out of harms way.

External Release

External release would be when a silo or other item ruptured or a valve/screw failed so as to allow the unabated flow of product, occurred outside a building.

If this were to occur:

- Dust masks would be issued to all those working in the area
- If possible the flow/spillage will be stopped.
- All nearby drain covers will be blocked to prevent cement entering the drains
- The environmental reporting section of this procedure would be activated.
- A vacuum truck or industrial vacuum would be brought in to suck up the spillage and recycle it if possible. The company that would be used for this purpose is South Coast Liquid treatment - contact No. 44210000
- The emergency evacuation alarm would be sounded if deemed necessary as per the emergency procedure to alert any person on site to attend to the emergency assembly area therefore ensuring they were kept out of harms way.

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Contact with Neighbours

In the event of an external release, the following neighbours will be contacted at our earliest convenience to advise of the release.

- A&D tree services – 1 central avenue South Nowra - 44236555
- Normans – 28 jelico street, South Nowra - (02) 44217200
- Flinders Automotive – unit 9, cnr Flinders rd & Angus Ave, South Nowra - 44236558

Contact with Government Bodies

In the event of an external release, the following government bodies will be contacted to advise of the release:

Environmental Protection Authority	13 15 55
Safe Work NSW	13 10 50

(if deemed a dangerous occurrence or a notifiable incident occurred during the incident)

This contact will be made by the HSE manager or the site environmental contact (as listed in this document) or by someone delegated to act on his behalf. This reporting will be conducted in line with standard external reporting protocols required by Adelaide Brighton Ltd.

TRAINING REQUIREMENTS

All employees & permanent on site contractors will be trained in the required contents of the PIRMP and the appropriate responses to incidents that could cause actual or potential material harm to the environment including:

- The contents of and how to use a spill kit.
- The procedure to be followed after a pollution incident and who should be contacted during and after the incident.
- The procedure on how to contain a product spill.

The objective of the training is to ensure all persons on site have the knowledge on what to do in the case of a pollution causing event on site.

Training will be conducted at 3 yearly intervals and records of training will be kept listed in personnel files and training registers.

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DOCUMENT AVAILABILITY

This plan will be made available on site and located in the site operations managers office. A further copy of this plan will be located on the Adbri Masonry website.

TESTING AND REVIEW

This plan will be reviewed on an annual basis to test for accuracy and currency, or in the event of a pollution incident, the plan will be reviewed within one month.

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AREAS LIKELY TO BE AFFECTED BY POSSIBLE INCIDENTS THAT COULD CAUSE ACTUAL OR POTENTIAL MATERIAL HARM TO THE ENVIRONMENT

Internal Areas Possibly Impacted —————

External Areas Possibly Impacted —————

