



1. INTRODUCTION

The Pollution Incident Response Management Plan (PIRMP) has been prepared to set out specific requirements for achieving compliance with the relevant requirements introduced in the Protection of the Environment Legislation Amendment Act 2011 (POELA Act, 2011) related to timely notification and management of the pollution incidents causing “material harm”.

2. OBJECTIVES

The objectives of this PIRMP are to:

- a. Ensure comprehensive and timely communication about the pollution incident to the -
 - Foseco and sub-contractor personnel
 - Environmental Protection Authority
 - NSW Ministry of Health
 - SafeWork NSW
 - Fire and Rescue NSW
 - Canterbury-Bankstown Council
 - Wider community outside the facility who may be affected by the impacts of the pollution incident.
- b. Minimise and control the risk of the pollution incident at the facility through –
 - identification of risks;
 - development of planned actions;
 - implementation and close-out of the planned actions in a timely manner.
- c. Ensure that the plan is implemented by –
 - trained personnel with responsibility for implementing the plan;
 - regular testing for accuracy, currency and suitability.

3. DEFINITIONS

Activity means:

an industrial, agricultural or commercial activity or an activity of any other nature whatever (including the keeping of a substance or an animal).

Environment means:

Components of the earth, including –

- land, air and water;
- any layer of the atmosphere;
- any organic or inorganic matter and any living organism;
- human-made or modified structures and areas;

and includes interacting natural ecosystems that include components referred to above.

**Environment Management System (EMS)** means:

a part of Foseco's Integrated Management System that is used to develop and implement the Environment Policy and manage the Environmental Aspects of its operations.

Environment Policy means:

the document in which senior management formally express the overall intentions and direction of Foseco related to its environmental performance. This policy can be found on the Foseco website.

Environmental Aspects means:

elements of Foseco's activities that can interact with the environment.

EPA means:

the Environment Protection authority constituted by the Protection of the Environment Administration Act 1991.

Material harm means:

- a. harm to the environment is material if –
 - it involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial; or
 - 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);
- b. loss includes 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.

For the purposes of this definition, it does not matter that harm to the environment is caused only in the premises where the pollution incident occurs.

Pollution means:

water pollution, air pollution or land pollution.

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.

Premise includes:

- a building or structure;
- land or a place (whether enclosed or built on or not);
- a mobile plant, vehicle, vessel or aircraft.



4. KINDS OF INCIDENTS TO BE NOTIFIED

Only those incidents that occur in the course of an activity so that material harm to the environment is caused or threatened are to be reported.

Note on exclusions:

- a. definition of "Pollution Incidents" excludes **Noise**;
- b. **Odour is not required to be reported** as a Pollution Incident under Part 5.7, s.148 (7) of the Protection of the Environment Operations (POEO) Act 1997;
- c. a person is not required to be taken to comply with an Environment Protection Licence, an Environment Protection Notice or other requirement of or made under this Act (s.151 of POEO Act, 1997).

5. DESCRIPTION OF ENVIRONMENTAL HAZARDS

Foseco's Environment Management System (EMS) is ISO 14001 certified. As part of the EMS, Foseco has identified the environmental aspects and impacts of its activities and has documented these in its Environmental Aspect & Impact Register. This register is reviewed annually.

The following are some of the environmental hazards identified:

- Fire endangering property and human health.
- Loss of containment – examples are controlled or uncontrolled release of hazardous substances or dangerous goods.
- Ethanol Spill whilst unloading requiring response.
- Failure of Power.

The scale, extent, duration and nature of the material relating to each of the identified risks will likely determine if the consequence is causing, or has the potential to cause, material environmental harm.

Licence exceedances are not included in this plan as these are reported as per the licence reporting conditions or in the Annual Return.

6. INVENTORY OF POLLUTANTS

Foseco stores, handles and uses a large number of chemicals in its production processes and has a comprehensive system for safe handling of such chemicals which includes, amongst others:

- Hazardous Chemicals Manifest and Notification Procedure;
- Safety Data Sheets (SDS)
- Procedures for the approval of new chemicals on site.
- Procedures for safe storage and use of these chemicals.

This system is independently audited periodically during the ISO 14001 Surveillance Certification Audits. In addition, to meet the requirements of Acts other than the environmental legislation, Foseco updates the Hazardous Chemicals Manifest and provides it annually to Safework NSW under the WHS legislation.



7. COMPREHENSIVE EMERGENCY RESPONSE PLAN

Foseco operates a comprehensive Emergency Response Plan with a large number of procedures, response equipment & safety gear, as well as teams of trained people to support the implementation of that plan. To date this plan has been successful in protecting and minimizing impacts on the environment. Regular exercises are carried out and changes to the plan are made as required to incorporate learning from the exercises.

Extract from Plan:

Minor Spills	<ul style="list-style-type: none"> • Stop the source of the spill immediately if it is safe to do so. • Contain the spill (Spill Kits) and control its flow from the site (Close Stormwater Pits). • In the event of a minor spill, Foseco has a portable IBC bund available on site. • Report the spill if pollution has escaped the site or if the spill has potential to harm the environment. • Be safe rather than sorry; make the call in any doubt.
Major Spills	<ul style="list-style-type: none"> • For large-scale hazardous spills call Hazmat Fire Bridge immediately on 000 (triple zero). • Control pollution flow from the site (Close Stormwater Pits). • Report the spill to the Manufacturing & HSEQ Manager or Production Manager if pollution has escaped the site. • Call Cleanaway and advise chemical spilt and they will send the appropriate trucks - 1800 774 557 Emergency Response Hotline 24 hours a day. • Call Key People listed below in order.

8. CONTACT DETAILS OF THE RELEVANT AUTHORITIES TO BE NOTIFIED OF A POLLUTION INCIDENT

a. STATUTORY LIST

Relevant Authority (in order of calling)	Telephone	Email	Foseco Communications Responsibility
1. When there is threat to human health or property: FIRE & RESCUE NSW	000		Chief Warden
2. Appropriate Regulatory Authority (ARA): ENVIRONMENTAL PROTECTION AUTHORITY, NSW	13 15 55 or 9995 5555	info@environment.nsw.gov.au	Environmental Protection Co-ordinator
3. MINISTRY OF HEALTH	9391 9000		
4. CANTERBURY-BANKSTOWN COUNCIL	9707 9999		Environmental Protection Co-ordinator
5. SAFework NSW	131 050		HSE Co-ordinator



**b. COMMUNITY**

Neighbouring Businesses	Telephone	Email	Foseco Communications Responsibility
G.A. & L. HARRINGTON	9771 2411		Communications Officer
CLEANAWAY	1800 774 557		Communications Officer

9. RELEVANT INFORMATION TO BE GIVEN WHEN NOTIFYING THE INCIDENT

The relevant information to be given according to section 150 of the POEO Act (1997) when notifying the incident to the regulatory authorities is as follows:

- a. Time, date, nature, duration and location of the incident.
- b. Location of the place where pollution is occurring, or is likely to occur.
- c. The nature, the estimated quantity or volume and the concentration of any pollutants involved, if known.
- d. The circumstances in which the incident occurred (including the cause of the incident, if known).
- e. Action taken or proposed to be taken to deal with the incident and any resulting pollution or threatened pollution, if known.
- f. When the information relating to items c., d. or e. is not known at the time of verbal notification, this information must be provided once it becomes available.

10. PROCEDURES TO BE FOLLOWED

The relevant parts of the Foseco Emergency Response Plan and its procedures would be deployed for delivering this Pollution Incident response Management Plan (PIRMP).

However, for the completeness of the Pollution Incident Response Management Plan, the following additional information is presented:

a. Other Notification of Pollution Incidents

The EPA may, as per section 151A of the POEO Act (1997):

- direct the person verbally to notify such persons of the incident as it requires;
- specify the manner and form of notification;
- direct that initial verbal notification be followed by written notification.

b. Identification of Appropriate Regulatory Authority

Should a pollution incident occur, the Environmental Protection Co-ordinator will have the responsibility of determining who the "Appropriate Regulatory authority" (ARA) is.

**c. Notification of employees and other site personnel**

All personnel on site (employees and contractors) will be informed of a site emergency that can include a “Pollution Incident” immediately via the Emergency Alarm, the public broadcast system and/or via electronic communication.

The members of the Foseco Emergency Response Team and other personnel involved with the implementation of the emergency response plan related to the Pollution Incident, will be notified by telephone or SMS as soon as the emergency has been identified.

d. Notification of community and neighbours

Foseco is located in the Bankstown community and has various businesses that are close to its boundary. In the event that an incident with an offsite impact occurs, or an event that may be of concern to neighbours, the NSW Police Force and/or Fire and Rescue NSW will engage with the local community to provide information on the event. The notification of adjacent companies is also the responsibility of the combat agencies. Assistance for this activity will be provided by Foseco’s Emergency Response Team.

If necessary, prior to the arrival of the NSW Police Force, this role is delegated by the Chief Warden. Where emergency services do not take on this role, Foseco will consider utilising various communication tools such as telephone calls, door-knocking and letterbox drops as appropriate for the incident and its impact.

A list of contact details for neighbouring sites is presented in point 8 b.

e. Roles and Responsibilities

The roles and responsibilities defined in Foseco’s Emergency Response Plan are not in any way reduced by the preparation of this Pollution Incident Response Management Plan.

11. AVAILABILITY OF PLANS

This PIRMP will be available on the Foseco website, located under the *Regional Regulation Reports* link at the bottom of the website page - <https://www.vesuvius.com/en/site-services/regional-regulation-reports.html>

12. TESTING OF PLANS

This plan will be tested routinely once every 12 months and the accuracy of the information contained and consistency with other procedures developed in the preceding 12 months will be carried out. This plan will also be tested:

- within one month of the occurrence of any “pollution incident”; or
- at the direction of the Foseco Management team to incorporate improvements to the effectiveness and workability of the plan, as well as changes to responsibilities of the persons implementing this plan, for example, within one month of the occurrence of any “pollution incident”;
- for incorporating improvements to the effectiveness and workability of the plan;
- for incorporating changes to responsibilities of the persons implementing the plan;
- for incorporating changes in contact details.