

# POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN (PIRMP)



200 Power St.  
Glendenning, NSW, 2761

Telephone:  
**1300 440 072**

Version 8 - August 2019

## Contents

INTRODUCTION .....	0
Definitions .....	1
Contact Details .....	1
Authority .....	1
Training Requirements .....	1
POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN .....	3
Possible Pollution Incidents .....	3
Flora and Fauna that could be affected.....	3
Inventory of Pollutants .....	3
Pollution Incident Assessment .....	4
Pollution Incident Management Process .....	5
EMERGENCY EQUIPMENT .....	6
First Aid personnel .....	6
First Aid equipment.....	6
Emergency eye wash .....	6
Firefighting equipment .....	6
Emergency Exits.....	6
Pollution Incident Safety Equipment.....	7
Safety Data Sheets (SDS).....	7
PROTOCOL FOR NOTIFICATION OF INCIDENTS.....	7
Authorities to be notified.....	8
Communicating with neighbours and local community.....	8
WASTE DISPOSAL .....	9
TESTING AND MAINTENANCE OF THE PLAN .....	9
AUTHORISATION .....	9

## INTRODUCTION

Independent Cement and Lime (ICL) Glendenning depot operates under an EPA license, as such this *plan* is created, maintained and tested in compliance with Part 5.7A of the POEO Act 1997 and Part 3A of the Protection of the Environment Operations (General) Regulation 2009 (POEO General Regulation). This plan shall be reviewed annually.

**EPA License Number:** 12294.

**License Holder:** Independent Cement and Lime

**Site Location:** 200 Power St, Glendenning - refer aerial shots below.



This *plan* has been prepared for use by Independent Cement and Lime. Environmental issues arising out of ICL operations, and those co-located on site will be covered by this *plan*. This *plan* shall be tested annually, by PIC or delegate.

## ***Definitions***

**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.

A *pollution incident* has reporting requirements if there is risk of '**material harm to the environment**' which is defined in section 147 of the Protection of the Environment Operations Act (POEO Act) as:

- 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 of property damage of an amount, or amounts in aggregate, exceeding \$10,000
- 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.

**Plan** means a *pollution incident* response management plan required to be prepared under Part 5.7A of the Act.

## ***Contact Details***

ICL Glendenning has the capacity to operate 24 hours a day, 7 days a week.

All *pollution incidents* are to be reported to ICL through the following number

**1300 440 072**

As an EPA licence condition, this number is displayed on the perimeter fencing for environmental incident notifications by members of the public, from both Power St and Belfast Place entry points.

## ***Authority***

A Chief Pollution Incident Controller and Deputy shall be nominated to be responsible for this PIRMP, and its implementation during a pollution incident. These are as follows;

- David **Schultze** (Chief Pollution Incident Controller) - 0439 117 124.
- Blake Robertson (Deputy Pollution Incident Controller) - 0438 475 579

## ***Training Requirements***

The PIC and Deputy PIC shall participate in the annual review of this plan. The review is recorded at the end of the plan.

Employees who may be involved in a pollution incident response, including the use of pollution control equipment shall receive appropriate instruction on these subjects through toolbox meetings or training sessions.

Drivers attending the site shall be made aware of the appropriate response to an incident that could cause actual or potential material harm to the environment including.

- The procedure to be followed after a *pollution incident* and who should be contacted during and after the incident

Contractor induction records are stored in the 'Contractor' module of the IRIS system.

# POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

## ***Possible Pollution Incidents***

The following have been identified as possible *pollution incidents* at the BPS site:

- Truck diesel tank rupture due to collision
- Diesel leak from truck
- Cementitious product into storm water drains
- Failure of silo top
- Dust collector malfunction
- Loading/Unloading issues causing cementitious product release into air

## ***Flora and Fauna that could be affected***

There is no known flora and fauna on site that could be affected by the operations.

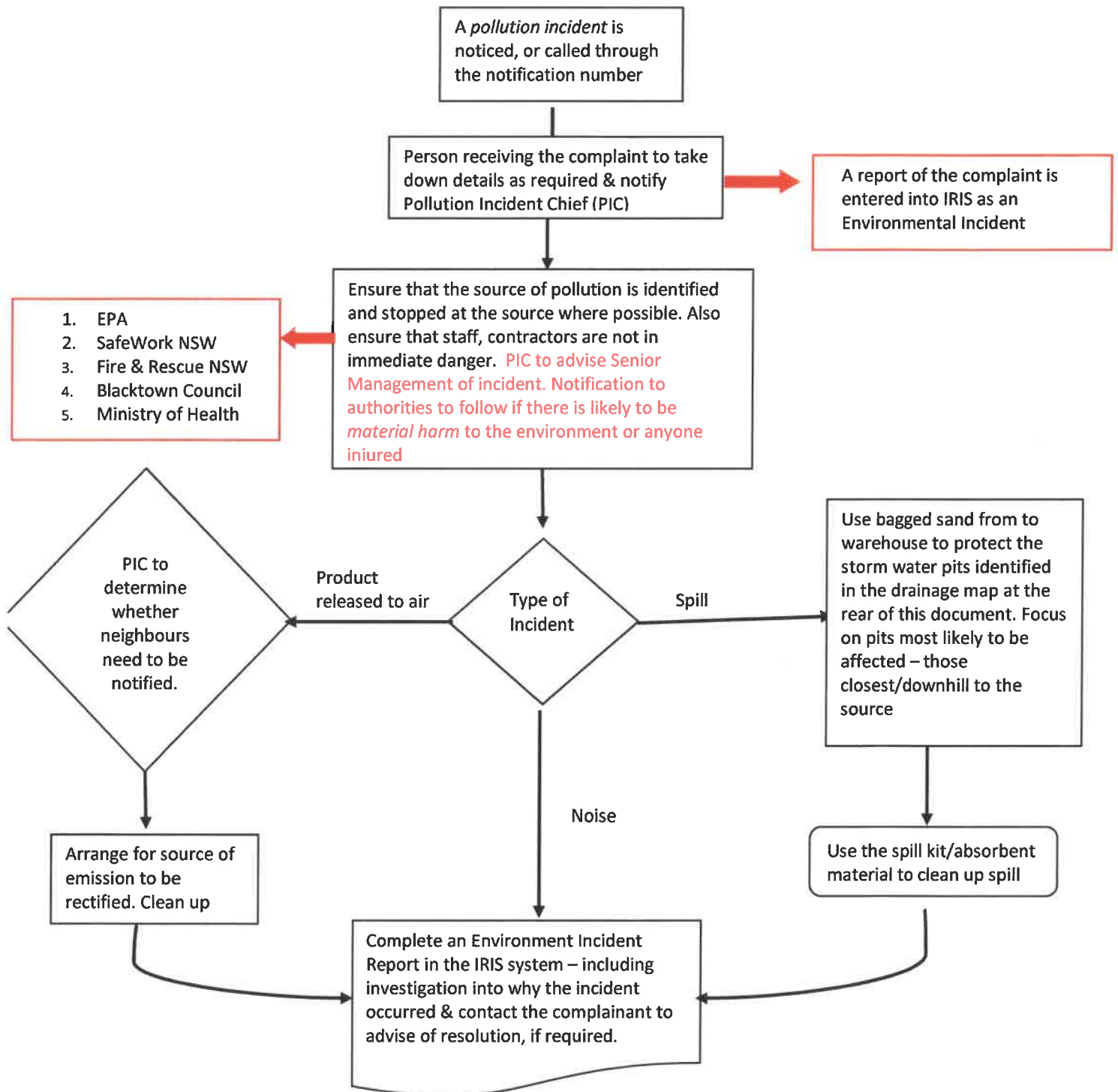
## ***Inventory of Pollutants***

Potential pollutant kept on site	Maximum quantity kept on site
Diesel in the truck	200L per truck
Gas Cylinders	10 cylinders @ 15kgs each
Fly Ash	550T

### **Pollution Incident Assessment**

<b>Main hazards identified</b>	<b>Likelihood</b>	<b>Details</b>	<b>Pre-emptive actions to be taken</b>
Contamination of stormwater		<p><b>Scenario 1:</b> Truck diesel tank rupture due to collision</p> <p><b>Scenario 2:</b> Diesel leak from truck</p> <p><b>Scenario 3:</b> Cementitious product into storm water drains and underground Onsite Stormwater Detention (OSD) tank if its raining at the time.</p>	<p>Established traffic management plan on site Induction for all contractors on site (including truck drivers)</p> <p>Spill kit available on site</p> <p>*Spill Kits *Scheduled maintenance program in place for underground OSD tank</p>
Release of cementitious product into the atmosphere		<p><b>Scenario 1:</b> Failure of silo top</p> <p><b>Scenario 2:</b> Dust collector malfunction</p> <p><b>Scenario 3:</b> Loading/Unloading issues causing cementitious product release into air</p>	<p>Overpressure vents High level alarms</p> <p>Dust collector excursion monitoring system Product valves isolate automatically if dust collector fails Visual observation</p> <p>All truck drivers to be inducted to site including loading and unloading procedures.</p>

## Pollution Incident Management Process





## **EMERGENCY EQUIPMENT**

### ***First Aid personnel***

There are a number of first aid personnel on site at any given time. If you have an injury that requires first aid attention, contact the site manager or supervisor for assistance. They can arrange appropriate treatment.

### ***First Aid equipment***

There is a first-aid kit in a number of locations around site. The first aid kit is marked with a green sign with a white cross on it.

### ***Emergency eye wash***

There are emergency eye-washing units located inside the BPS building and also under the ICL silos.

### ***Firefighting equipment***

Firefighting equipment is located around the site.

In an emergency, fight a fire only if you are trained in firefighting techniques and if it is safe to do so.

### ***Emergency Exits***

There are emergency exits in all buildings on site. These are identified by the green and white "EXIT" signs above the door. Be aware of the nearest emergency exit to your work area. Always keep emergency exits clear.

## ***Pollution Incident Safety Equipment***

Spill containment equipment is located under the silos as per the picture below.



## ***Safety Data Sheets (SDS)***

SDS for all hazardous chemicals kept on site can be found in the office.

## **PROTOCOL FOR NOTIFICATION OF INCIDENTS**

The number mentioned above is manned 24 hours. The person manning the telephone will try and capture as much information as possible from the complainant, including:

- The date and time of the complaint
- The method by which the complaint was made
- Any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect
- The nature of the complaint

All this information can be captured through an Environment Incident Report in IRIS.

**The person receiving the complaint MUST make the Pollution Incident Chief aware of the complaint immediately.**

ICL Transport Manager, Dave Schultze has been designated the Pollution Incident Chief (PIC). He is responsible for managing the *pollution incidents*.

If the *pollution incident* does or is likely to be a breach of EPA License requirements, or *material harm to the environment* is caused, Senior Management Team must be advised immediately. The relevant member of the Senior Management Team will either notify the relevant authorities in the event of a *pollution incident* or instruct the PIC to do so.

### ***Authorities to be notified***

The following authorities shall be notified:

<b>Authority</b>	<b>Contact Number</b>
Fire & Rescue NSW*	000
EPA	131 555
SafeWork NSW	13 10 50
Blacktown Council	9839 6000 – After hours 1300 133 491
Ministry of Health	93919000

### ***Communicating with neighbours and local community***

In the event of a *pollution incident*, ICL's neighbours are to be notified if the incident is likely to have an impact on their property or operation.

The most likely scenario affecting neighbours would be air emissions.

Below is a list of the closest neighbours to ICL.

<b>Neighbouring company</b>	<b>Address</b>	<b>Contact Number</b>
Coates Hire	204 Power St	(02) 9912 0500
Hy-Tec concrete	202 Power St	(02) 8805 3800
Double D Products	17/197 Power St	1800 676 825
Quirks Australia	198 Power St	(02) 8805 2500
Robert Holmes Transport	196 Power St	(02) 9625 0600
Endeavour Energy Civil Works Centre	15 Belfast Place	(02) 9853 6666

All notification is to be done by PIC via the above noted telephone numbers.

Dependant on the type of incident, wind conditions, PIC will determine which neighbours need to be contacted. PIC will provide them with specific information to minimise the risk of harm and keep them updated on progress.

As part of the communication process, the PIC will need to communicate with the complainant to notify them of the following:

- The action taken in relation to the complaint
- If no action was taken by the company, the reason why no action was taken

## WASTE DISPOSAL

After a spill has been cleaned up it is important to dispose of the material and the contaminated clean-up products correctly. Disposal requirements for the two identified spill risks for the site are listed below.

- Diesel – Diesel is classified as a 'liquid waste' under the NSW EPA classification system. Liquids waste cannot be disposed of as 'general waste' and must be disposed through a licensed waste disposal facility
- Cement and Cementitious Products – Cement is classified as 'hazardous waste' under the NSW EPA classification system. Hazardous waste cannot be disposed of as 'general waste' and must be disposed through a licensed waste disposal facility

## TESTING AND MAINTENANCE OF THE PLAN

This plan shall be tested for appropriateness and effectiveness through an annual pollution incident practise drill. The drill can be a desktop exercise or a practical exercise depending the scenario. The drill shall be based on a real scenario that is documented beforehand.

The drill shall involve any employee who would be involved in a real situation. Details of the drill and actions arising from it shall be recorded in the Drill Evaluation Report form through the Inform module in the IRIS system.

Details of the previous drill are listed below.

Date: 23/05/2019

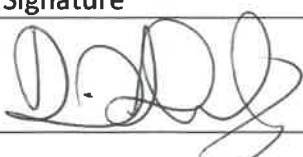
Participants: David Shultz, Blake Robertson

Following the annual practise drill, a review of the PIRMP shall be conducted to include any lessons from the drill and to ensure that it is current and accurate. The updated plan shall be available through the IRIS system and on the organisations internet site.

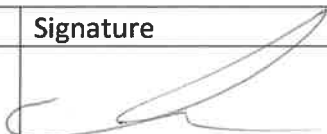
## AUTHORISATION

This PIRMP has been reviewed for currency and suitability. It shall now be considered effective from the signed date below.

### Chief Pollution Incident Controller

Name	Signature	Date
DAVID SCHULTZE		15/11/19

### Deputy Chief Pollution Incident Controller

Name	Signature	Date
BLAKE ROBERTSON		15/11/19

