



Pollution Incident Response Management Plan

Porters Creek Depot, Wicks Rd,
Macquarie Park

EPL 13044
March 2019



1.0 Introduction

The objectives of this Pollution Incident Response Management Plan (PIRMP) are:

- To ensure effective communication about a pollution incident to: staff at the premises, the Environment Protection Authority (EPA), other relevant authorities as appropriate including NSW Ministry of Health, WorkCover NSW, Fire and Rescue NSW and people outside the facility who may be affected by the impacts of the pollution incident;
- To minimise and control the risk of a pollution incident at the facility by identifying risks and establishing planned actions to minimise and manage those risks;
- To identify personnel responsibilities, and ensure that the plan is regularly tested for accuracy, currency and suitability.

A pollution incident is defined by the EPA as:

“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.”

Further, a pollution incident is required to be *notified* if there is a risk of ‘material harm to the environment’.

Section 147 of the POEO Act states that 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). In this regard, 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.

This plan must be kept on the licensed premises and its contents must be understood by supervisors and staff responsible for managing or day-to-day running of the site.

Reference should also be made to Section 7 of the Porters Creek Site Environmental Management Plan (SEMP).

The requirements of the PIRM Plan as defined in Part 5.7A of the POEO Act and the Protection of the Environment Operations (General) Regulation 2009 (POEO(G) Regulation) are addressed below.

2.0 Hazard Identification and Actions [clauses 98C (1)(a),(b),(c),(j)&(l)]

Identified hazards and associated required actions are identified in Table 1, below.

Note: that in case of emergency such as fire, release of chemical fumes or explosion, all staff are to assemble at the emergency evacuation point located at the front gate of the site, on Wicks Road.

Table 1: Hazards and actions

Hazard	Likelihood	Pre-Emptive Action	Measures To Minimise Harm To Persons	Actions To Be Taken During or Immediately After Pollution Incident
Significant spillage of fluids on site, including but not limited to vehicle fuels.	Low	Do not store large quantities of potentially hazardous liquids on site. Ensure plant refuelling is done with care / under controlled conditions. Minimise storage of plant fuels and oils on site. Maintain site vehicles.	No clean-up attempts for unidentified substances to be made by site staff. If safe, minimise further release. Clean-up attempts for identified substances to be made with appropriate personal protective equipment (PPE)	Identify source of spill and prevent further spillage as far as is practical. If appropriate, apply absorbent material or catch tray as appropriate (spill containment measures). Notify site manager and Council's environmental engineer or representative. If incident represents an immediate threat to the environment or human health or property, call the fire brigade on 000 and call the EPA on 131555 to give details of the incident. Where appropriate notify other relevant authorities (Contacts below).
Discovery of contaminated material on site	Low-Medium	Inspect all loads of concrete, asphalt and soil entering the site for visible contaminants. Signage at front gate prohibiting tipping of contaminated material.	No clean-up attempts for unidentified substances to be made by site staff. Clean-up attempts for identified substances to be made with appropriate PPE.	Notify site manager and Council's environmental engineer or representative. Cordon off area to prevent accidental access and to minimise disturbance.
Uncontrolled (dry weather) release of leachate collected from the site	Low	Maintain water level alarms and remote notification infrastructure.	Ensure release is stopped as soon as possible to minimise harm to the environment.	Notify site manager and Council's environmental engineer or representative. If incident represents a threat to the environment call the EPA on 131555 to give details of the incident
Excessive dust exiting the site – eg from aggregate recycling	Low-Medium	Maintain routine dust control measures including water cart spraying of access ways. During concrete and asphalt crushing periods maintain damp feed material by wetting loading face, ensure other sprayers functioning as intended.	Site manager / supervisor to issue half-face particulate dust masks to site staff working in dusty conditions. Additional dust suppression spraying to be undertaken in dusty conditions.	Cease any mechanical operations which may be generating the dust until dust issue is resolved. Notify site manager and Council's environmental engineer or representative. Additional dust suppression spraying to be undertaken. Employ on-site water spray trailers in addition to routine measures if necessary.

3.0 Map [clause 98C(1)(k)]

Figure 1, below, shows the site, surrounding land uses and land users. The creek (thin blue line), which passes through culverts underneath the site, exits to the north-east. Runoff management drains shown in purple.

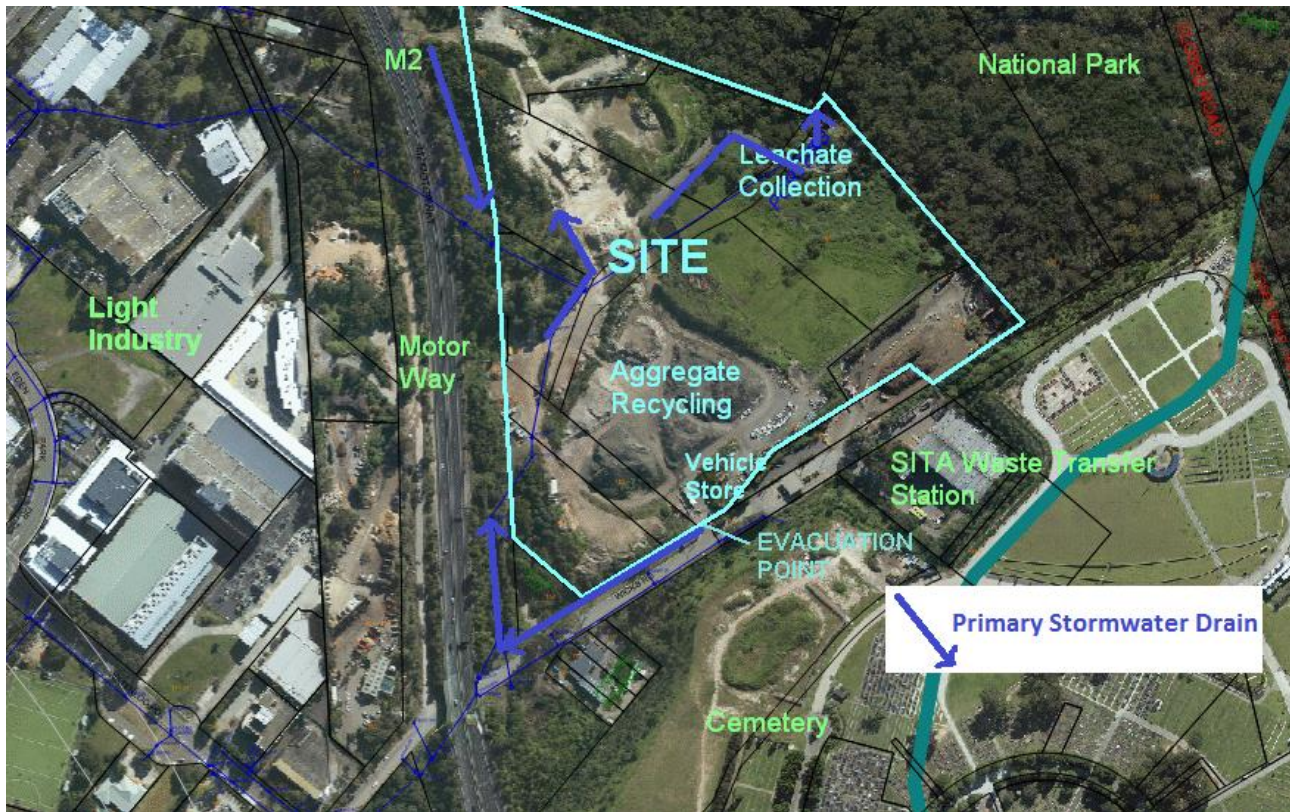


Figure 1: Premises and surrounding area.

4.0 Inventory of Pollutants [clause 98C(1)(d) and (e)]

'Collected leachate', as tabulated below, refers to seepage water collected and stored during normal weather conditions in concrete tanks at the bottom of the site in the north-west portion. The flow of this water is ongoing. In wet weather, following filling of the holding tanks, dilute leachate flows out of the site with stormwater.

Table 2: Inventory of Pollutants

Potential Pollutant	Location	Quantity
Collected Leachate	North-west portion	Ongoing
Vehicle fluids	In vehicles and small amounts in storage containers	Amount in vehicle tanks plus nominal reserve amount in vehicle / tool store (up to approx 40L stored in containers)
Dust	Various, including crushing areas	Various (controlled as necessary)

5.0 Safety Equipment [clause 98C(1)(f)]

Identified potential pollution incidents and associated safety equipment are tabulated below.

Table 3: Safety Equipment

Pollution Incident Type	Equipment / Clean-up Actions	Location Equipment Stored
Normal flow (Dry Weather) Leachate Discharge	Identify equipment fault. Switch to reserve pump if necessary. Switch to manual operation if necessary.	In leachate pumping sheds [contact Council's building maintenance officer for assistance]
Vehicle fluid Spill	Cease flow of fuel / oil as soon as possible. Use spill kit as appropriate. Fix vehicle / plant appropriately before resuming operations.	Vehicle tool store and weighbridge office.
Dust	Cease dust-causing works; Wear half-face particulate dust masks in dusty conditions. Additional dust suppression spraying to be undertaken in dusty conditions.	Masks in Weighbridge office; Water cart stored at Council's works depot

6.0 Contact Details [clause 98C(1)(g) and (h)]

If the incident requires an initial combat agency, contact details are provided below in Table 4.

Table 4: Authority / Combat Agency contact details

Incident Type	Authority	Contact Number
Human injury	Ambulance	000
Environmental Harm	EPA	131 555
Fire or explosion	Fire Brigade	000
Hazardous spill	Fire Brigade	000
Potential danger to surrounding sites	Police	000

If the incident does not require an initial combat agency, or once the 000 call has been made, notify the relevant authorities if and as required in the following order:

- the NSW EPA – phone Environment Line on 131 555
- the Ministry of Health via the local Public Health Unit:
Parramatta Office – phone BH 9840 3603 or AH 9845 5555 and ask for Public Health Officer on call.
- Safework NSW – phone 13 10 50
- **Manager of site:** Craig Jenns, 0466 393839;
- **Environmental Engineer:** Julius Pucci, 0434 568038.
- **For leachate issues:** City of Ryde Maintenance Officer – Scott Harrison, 0478 312004.
- Fire and Rescue NSW – phone 000.

7.0 Communication with Surrounding Land Users [clause 98C(1)(i)]

Mechanisms that will be used for providing early warnings and information regarding incidents to owners and occupiers of surrounding premises are summarised in Table 5, below.

Table 5: Communication with Surrounding Premises

Surrounding Land User	Communication Method	Possible Advice / Instructions
Lane Cove National Park and users	Phone call to 9888 9133 or 0409 609343, followed by email to: lccp@environment.nsw.gov.au	Dependant on situation (no likely scenarios identified)
Neighbouring Businesses (eg SUEZ)	Telephone 9889 0545, followed by email: david.muir@suez.com	Dependant on situation
M2 Motorway	Telephone 9086 6482 or 0448 298082, followed by email as advised by M2 operator	Dependant on situation
Residents, eg at West Killara across the valley	Letterbox drop, door-knock in case of emergency	Dependant on situation (no likely scenarios identified)

8.0 Staff Training [clause 98C(1)(m)]

Training of staff with regard to this plan will include:

- Introductory briefing of all site staff on contents of plan by Site Manager or their representative;
- Periodic updates to staff during site meetings on any changes to the plan;
- Annual refresher to all site staff;
- Recording training sessions on the Porters Creek staff training register.

9.0 Plan Maintenance

This plan should be reviewed annually to ensure all information within is current and valid. Review details can be recorded in Table 6.

Table 6: Revision record

Revision Number	Date	Revision Details	Author	Approver
4	March 2019	Fig 1 and contact details update, inclusion of Table 6.	J Pucci	C Jenns

A copy of the following staff acknowledgement table should be kept on site to be filled in by relevant staff, as a record that this PIRMP has been read and understood.

Table 7: Staff Acknowledgement Table

Position	Name	Signature	Date	Comment