



SUNNYSIDE COAL MINE ENVIRONMENTAL MANAGEMENT SYSTEM

Document Owner:	Environmental Manager
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WHC_PLN_SUN_POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

1 Site Description

This Pollution Incident Response Management Plan (PIRMP) is applicable across all SCM operations subject to Environment Protection Licence (EPL) 12957. Details of the EPL are in Table 1.

Site layout and location of key infrastructure, distance to nearby homesteads etc. are given in the two figures at the end of the document.

Table 1 – EPA details.

SITE	EPL ID	ACTIVITY
Namoi Mining Pty Ltd – Sunnyside Coal Mine	12957	Coal Works (0 – 2,000,000 T handled), Mining for Coal (500,000 – 2,000,000 T produced).

2 Notification Protocol

Under Part 5.7 of the Protection of the Environment Operations Act, it is a requirement that in the event of a pollution incident, notification is made “immediately” to the relevant authorities when “material harm to the environment” is caused or threatened.

The protocol for reporting of an incident is as follows:

1. Initiate the Pollution Incident Response Management Plan and take measures to “control, contain and clean-up”.
2. Inform your supervisor. Containment of any spill should be undertaken if it is safe to do so. Immediately on containment, or if containment is not possible, contact your supervisor to inform them of the incident. Any spill/incident must be notified to your supervisor.
3. The supervisor will initiate any additional containment/control of the incident and coordinate required clean-up activities. The supervisor will also contact the Environmental Officer to determine incident notification requirements in consultation with the Group Environmental Manager.
4. The Group Environmental Manager will provide the required notification to the relevant agencies.
5. The Group Environmental Manager will provide required reports to the relevant agencies relating to the cause, response and mitigation measures enacted to manage the pollution incident.

The relevant agencies and order of notification are prescribed as follows:

- If the incident represents an immediate threat to human health and/or property, call 000. Fire and Rescue NSW, NSW Police and NSW Ambulance Service will be the first responders.
- If the incident does not require an initial combat agency, or once the 000 call is made, notify the relevant authorities in the following order:
 1. Environment Protection Authority on the Environment Line: 131 555
 2. Public Health Unit –Tamworth: (02) 6764 8000



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3. SafeWork: 13 10 50
4. Gunnedah Shire Council: (02) 6740 2100
5. Fire and Rescue NSW: 1300 729 579

Failure to apply the above notification protocol may result in penalties of up to \$2 million for corporations and up to \$500,000 for individuals.

3 Inventory

Significant chemicals kept or used on site are listed in Table 3a, with location given in the site layout Figure. Inventory of emergency equipment available on site that can be used to manage any pollution incident are listed in Table 3b.

Table 3a – Inventory of pollutants

Product	Location	Quantity
Diesel	Workshop and in vehicles	68,000L
Oils and lubricants	Workshop	<10,000
ANFO explosives	Not stored on site, brought onto site by contractor\	NA
Coal and carbonaceous material	In pit and ROM Pad	110,000t
In pit mine water (saline)	Mine pit and storage dams	29.2ML
Sediment laden water	Storage dams	19.3ML

Table 3b – Inventory of safety and emergency equipment

Product	Location	Purpose
Spill kits	Fuel bay at workshop	Control minor spills
SDS	Hardcopy at first aid station, ChemAlert	Provide data on chemicals including first aid, PPE etc.
Oil/Water separator	Workshop wash bay	Remove and contain hydrocarbons from contaminated water
Pumping system on sediment dams	Main water storage and circulation dams (refer to map)	Draw down water level after rainfall to maintain freeboard
Flocculants	Site admin office storage area	Settle sediment prior to any discharge
Water level markers	In pit and discharge dams	Visual information on freeboard and dam capacity
First aid kits	First aid station, on all vehicles	Emergency first aid
Fire extinguishers	Workshop and offices and all vehicles	Control minor fire
Firefighting trailer	Equipped trailer for firefighting, Parking area next to offices	Control of large fires
Site water cart	Parking area next to offices	Dust suppression, firefighting



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4 Communication Protocol with the Community

In the event of a notifiable incident occurring, which may impacts on neighboring properties, the following communication protocol is to be followed:

- The affected landholder, tenant or lessee will be notified about the incident and informed as to the control/containment and clean up mechanisms applied. Contact details for immediate landholders surrounding SCM are provided in the site's complete PIRMP (not included here for privacy reasons).
- In the event of wider community impact (more than 3 landholders affected), notice relating to the incident will be provided by letter drop and/or door knock to the affected parties, with follow up advice issued as required;
- The relevant Community Consultative Committee (CCC) will be advised of the incident through usual environmental reporting processes relative to the CCC.

5 Actions to be taken by Landholders and neighboring residence

Blast fume incident

In the event of a post blast fume incident, site personnel will make direct contact with the properties owners likely to be affected, the following instructions/advice is to be given:

- Remain in doors with windows closed (air-conditioning switched off), or evacuate the premises;
- Until such time as the fumes have passed and all clear conformation from SCM personal has been received.
- Determination of likely affected residences will be made by use of the on-site weather station and consideration of prevailing wind speeds and direction and site inspection at potentially affected properties.

Discharge to receiving waters,

In the event of any discharge incident to receiving waters;

- Downstream and potential affected properties will be directly informed of the incident and precautions to take
- Landholders are not to make contact or enter the water
- Pumping or removing water from the potentially affected waterbody/creek is to cease
- Prevent livestock access to the potentially affected water

Precautions are to remain in place until water quality has been evaluated and discussion on impacts and water use with SCM personal/EPA have been undertaken



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