



Perilya Broken Hill Limited
South Mine Pollution & Incident Response Management Plan
EXTERNAL VERSION

March 2020

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1. Facility details

The facility details as described in Environmental Protection Licence (EPL) 2688 are detailed in Table 1.

Table 1 – Details of EPL 2688

EPL No. 2688	
Name of licensee	Perilya Broken Hill Limited
Premises details	Southern Operations Wentworth Road Broken Hill, NSW 2880
Website address	http://www.perilya.com.au/our-business/operations/broken-hill
Scheduled activity/activities on EPL	Crushing, grinding or separating Mineral processing Mining for minerals
Fee based activity/activities on EPL	Crushing, grinding or separating (>2,000,000 T annual processing capacity) Mineral processing (>2,000,000 T annual processing capacity) Mining for minerals (>2 000 000 – 5,000,000 T annual processing capacity)

2. Overview of operations

The South Mine is a large, complex underground mining operation based on recovering the ore body extensions and remnant mining blocks of the historic Broken Hill Southern Operations. The South Mine lies within four different Consolidated Mining Leases.

The South Mine has undergone considerable rationalisation of mining techniques and scale since operation of the existing concentrator in the 1950s. Peak output of 2.83 million tonnes of ore was achieved in 1999/2000. Perilya's current strategy is a lower tonnage profile (1.6 Mtpa) focusing on extraction of remnant pillars and stopes.

The South Mine operates under the NSW Environmental Protection Authority (EPA) EPL 2688. Under this EPL, the scheduled activities within the South Mine site include mineral processing, crushing, grinding or separating and mining for materials.

3. Purpose

A Pollution Incident Report Management Plan (PIRMP) has been developed as a requirement under Part 5.7A of the *Protection of the Environment Operations Act 1997* (POEO Act). The PIRMP sets out the protocol for the notification, response and management of pollution incidents at the Perilya Limited South Mine.

This abridged version has been developed to meet requirements for public availability of the plan.

The objectives of this plan are to:

- Ensure the requirements for the notification, response and management of pollution incidents are defined as in the *Protection of the Environment Operations Act 1997* (POEO Act) and the Protection of the Environment Operations (General) Regulation (2009) (POEO Regulation) at the Perilya Limited South Mine.
- Ensure comprehensive and timely communication about a pollution incident to staff at the premises, the EPA, other relevant authorities specified in the POEO Act and people outside the facility 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.
- 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.

4. Procedural requirement

1. *Communication*

Perilya Limited personnel that discover an actual or potential pollution incident are responsible for immediately notifying the Mine Communication Centre (MCC).

Perilya Limited is required to immediately notify the following regulatory authorities where a pollution incident of 'material harm to the environment' has or is likely to occur:

- NSW Environment Protection Authority (EPA) (where the EPA is not the regulatory authority).
- NSW Department of Planning, Industry and Environment (DPIE) as the Mine Licence Regulator.

Perilya Limited is also required to contact (as required) authorities listed within Table 2.

Table 2 – Authority contacts

Contact position (Name)	Contact number
Environment Protection Authority (EPA)	131 555
Department of Planning, Industry and Environment (DPIE)	1300 305 695
NSW Health (Broken Hill)	(08) 8080 1499
Broken Hill City Council	(08) 8080 3300
Safe Work NSW	131 050
NSW State Emergency Service	13 25 00
Broken Hill Police	000 or (08) 8087 0299
Broken Hill Fire Brigade	000 or (08) 8087 2233
Broken Hill Hospital	(08) 8080 1333

The degree of ongoing emergency communication and response activities following initial notification and response will be dependent upon the type and severity of the particular emergency event.

Ongoing communication may be required with:

- Regulatory agencies.
- External emergency services.
- Family members.
- Media representatives.
- Local community.
- Neighbours.

2. Hazards and controls

The main hazards have been identified at Perilya Broken Hill South Mine by a site-wide hazard assessment, including an inventory of pollutants and associated safety equipment. Pre-emptive measures for minimising risks associated with hazards and pollutants have also been detailed.

3. Response actions

The actions to be taken in response to a pollution incident are detailed in the Perilya Broken Hill Plan for Site Emergency Response Plan, the Perilya Broken Hill Procedure for Hydrocarbon Spills and the Perilya Broken Hill Procedure for Emergency Management documents.

Perilya Limited has a three-tiered response team structure for managing emergencies and incidents, including:

- 1 Emergency Response Team (ERT).
- 2 Emergency Management Team (EMT).
- 3 Crisis Management Team (CMT).

Training on the requirements of the PIRMP is provided as part of environmental awareness training delivered during site inductions and as a refresher to all staff on a scheduled, periodic basis. All staff and contractors are trained in hydrocarbon spill management as part of induction and all employees are provided with fire risk training.

4. Audit / review schedule

The PIRMP is required to be tested on a routine basis at least once every 12 months and within one month of a notifiable incident.

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