

Pollution Incident Response Management Plan (PIRMP)



Sheridans Hard Rock Quarry
242 Faheys & Bulgins Rd, Hernani, NSW, 2453

Purpose

Sheridans Hard Rock Quarry holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for the quarry site located at 242 Fays and Bulgins Rd, Hernani. As per the *Protection of the Environment Operations Act 1997* (the POEO Act), the holder of an Environment Protection Licence must prepare, keep, test and implement a pollution incident response management plan (PIRMP) that complies with Part 5.7A of the POEO Act in relation to the activity to which the licence relates.

If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of section 147 of the POEO Act) is caused or threatened, the person carrying out the activity must **immediately** implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

A copy of this plan must be kept at the licensed premises, or where the activity takes place in the case of mobile plant licences, and be made available on request by an authorised EPA officer and to any person who is responsible for implementing this plan.

Parts of the plan must also be available either on a publicly accessible website, or if there is no such website, by providing a copy of the plan to any person who makes a written request. The sections of the plan that are required to be publicly available are set out in section 74 of the Protection of the Environment Operations (General) Regulation 2022.

Note: This plan must be developed in accordance with the *Protection of the Environment Operations Act 1997* and the Protection of the Environment Operations (General) Regulation 2022.

Licensees should also refer to the EPA's Guideline: Pollution incident response management plans.

Definition of a Pollution Incident

The Definition of a pollution incident is:

An incident or set of circumstances during or as a consequence of which there is likely to be a leak, spill or any 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 does not include an incident or set of circumstances involving any noise.

A Pollution incident is required to be notified if there is a risk of "material harm to the environment", defined under section 147 of the POEO Act as:

1. it involves actual or potential harm to the health and safety of human beings or to ecosystems that is not trivial, or
2. it result 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), and
3. Loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practical measures to prevent, mitigate or make good harm to the environment.

Notifying Relevant Authorities

The Act now states that if an incident is likely or has occurred, with the likelihood of damage to the environment, the following Contacts will be notified immediately.

Contact	Position	Contact
Jamie Parker	Quarry Manager	0427 700 076
Graham Sheridan	Company Director	0427 576 198
Emergency Services	Fire/ Ambulance	(000)
NSW EPA	EPA	131 555
NSW Health	Port Macquarie Public Health Unit	(02) 6589 2120
SafeWork NSW	SafeWork	131 050
Andrew Braund	Neighbour	0428 134 417
Safety Inspector	NSW Resources Regulator	1800 814 609

Emergency Response Procedure

Assess The Situation:

1. Identify the substance spilled.
2. Is evacuation required.
3. Is the correct Personal Protective Equipment available to manage the situation.
4. How much substance has escaped.
5. What is the risk to the environment.

Notify:

If the escaping substance is anything larger than a “trivial spill”, as specified in the Protection of the Environment Legislation Amendment Act 2011, then immediate notification of the relevant Authorities will commence.

Relevant Information to be given when Notifying the Incident:

- Identify the substance
- Time, nature and volume of the incident.
- Location of the incident.
- How the spill occurred.
- What containment activities have been or are going to be carried out.
- Who is the person coordinating the incident response on site and their contact details.

Containment of Substance:

Stemming the flow of the escaping substance may include the following measures:

- Construction of an earth bund around the affected area.
- Righting overturned drums.
- Closing Taps or ball valves.
- Crimping hoses or feed lines
- Utilisation of spill Kits.
- Pumping of substance into alternative holding tanks.

Pre-coat area containment:

- *Small localized spills:* spill is to be contained by constructing an earth bund around the perimeter of the spill.
- *Large or major spill:* the pre-coat aggregate area is designed so that large spills will be contained within the work area. The work area has been graded so that any spills will drain towards the sump constructed in the south east corner of the work area.

Please Note: Sheridans Hard Rock Quarry is a Nil Discharge Quarry.

Substance Clean Up:

Pollution Control Equipment/

Equipment used to control substance escape includes:

- Shovels
- Spill Kit
- Bunded Tanks
- Wheel Loaders
- Excavators
- Transfer Containment tanks
- Pumps
- Runoff discharge control (containment dams)
- Transport and communications.

Pre-coat area clean up:

- Once contained, any pre-coating liquid spillage is to be collected and disposed of using an external waste oil recycling company.

Other Safety Measures Include:

- Material Safety Data Sheets.
- First Aid Kits
- Personal Protective Equipment.
- Mine Safety Management Plan
- Personal injury procedures.
- Emergency Evacuation Area's
- Employee Training.
- UHF Radios.

Reviewing the Incident:

- Comply and assist in any investigation carried out by the EPA



- Ensure that all requirements of the Protection of the Environment Legislation have been met.
- Follow up on any ongoing substance control measures that are required to ensure no residual contamination may occur.
- Conduct an internal investigation regarding the incident.
- Review any issues that may have hindered any part of the response to the incident.
- Prepare an internal report for the company director.
- Ensure any depleted consumables are replenished.

Availability of Sheridans Hard Rock Quarry Management Plan

Sheridans Hard Rock Quarry Pollution Incident Management Plan will be supplied free of charge to any interested party within 7 days if a hard copy is requested.

The plan is also be available on the Sheridans Hard Rock Quarry website
<http://www.sheridanshardrockquarry.com.au>

Testing of Plans

This Plan will be tested within one month of any pollution incident or near incident.

The plan will also be tested routinely every twelve months or when new employees are inducted to the Quarry Site. Twelve month testing/training is conducted on site using a “mock spill” scenario. All employees involved in the training scenario will respond to the mock spill as per the PIRMP. This is documented and signed off by all involved for site training records.

Training and testing will also be undertaken at the discretion of the Company Director or Quarry Manager or at any time when improvements can be made to current procedures.

Regular servicing of pollution control equipment will be undertaken at scheduled intervals.

Ongoing surveillance and Environmental Management Controls will ensure that Sheridans Hard Rock Quarry remains a nil Run-off Quarry.