



Pollution Incident Response Management Plan

**Mount Winton Quarry
1935 Duri Winton Road Winton NSW 2344**



ISO Certified Company ~ ISO 45001:2018; ISO 14001:2015; and ISO 9001:2015

Document Acceptance and Release Notice



This is Version 5.0 of the Mount Winton Quarry Pollution Incident Response Management Plan. The Plan is a controlled document. For identification of amendments each page after the title page will contain a version number, authorisation date and a page number. Changes will only be issued as complete replacement. Recipients should remove superseded versions from circulation. This document is authorised for release once all signatures have been obtained.

An electronic copy of the current version of this plan will be kept in the project folder in the Skytrust Database. Persons using printed copies of this plan must ensure it is the current version.

Accepted and
Authorised by:
(For release)

A handwritten signature in blue ink, appearing to be 'Brian Crowe', written over a circular stamp or mark.

Brian Crowe - Managing Director

Date: 17th 7th 2020

Mount Winton Quarry Pollution Incident Response Management Plan

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1. Purpose

BMR Quarries holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for Mount Winton Quarry. 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.

The definition of a pollution incident under the POEO Act is:

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. 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.

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. Section 147 of the POEO Act defines 'material harm to the environment' as:

- (a) Harm to the environment is material if:
 - (i) It involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or
 - (ii) 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), and
- (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.

A copy of this plan must be kept at Mount Winton Quarry, and be made available on request by an authorised EPA officer and to any person who is responsible for implementing this plan.

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2. Environmental Protection Licence Details

Name of licensee:	BMR Quarries Pty Ltd
EPL number:	12427
Premises name and address:	Mount Winton Quarry 1935 Duri Winton Road, WINTON NSW 2344
Company contact details:	BMR Quarries Pty Ltd PO Box 6095, WESTDALE NSW 2340 Phone: (02) 6760 7333 After Hours: 0411 703 723 Email: sales@bmrquarries.com.au
Website address:	https://www.bmrquarries.com.au/
Scheduled activity:	Extractive Activities
Fee-based activity:	Land-based extractive activity

3. PIRMP Activation

Below are the contact details for the person responsible for activating the PIRMP in case of a pollution incident.

Person Responsible:	
Position:	Quarry Manager
24 hour Contact Number:	
Email:	ben@bmrquarries.com.au

4. Notifying Relevant Authorities And Incident Management

Below are the contact details for the person responsible for notifying the relevant authorities and initiating the response to manage a pollution incident if a pollution incident event occurs.

Person Responsible:	
Position:	SEQ Manager
24 hour Contact Number:	
Email:	seq@roadworkindustries.com.au

5. Relevant Authorities To Be Notified

The following are the relative authorities to be notified in case of a pollution incident occurring at Mount Winton Quarry. Firstly, call 000 if the incident presents an immediate threat to human health or property. Fire and Rescue NSW, the NSW Police and the NSW Ambulance Service are the first responders, as they are responsible for controlling and containing incidents/treating injuries.

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

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1. Fire & Rescue NSW and/or Rural Fire Service as applicable - 000 (first notification);
2. NSW EPA – 13 15 55;
3. NSW Health Tamworth Public Health Unit – (02) 6764 8000;
4. SafeWork NSW – 13 10 50;
5. NSW Resources Regulator - 1300 814 609;
6. Tamworth Regional Council - (02) 6767 5555.

6. Notification Of Neighbours And The Local Community

The location of Mount Winton Quarry limits its direct neighbours to rural landowners. In the event of a pollution incident the following will be undertaken to alert neighbours and the community.

Nature of pollution incident	Mechanism for warning residents
Risk to health and safety of nearby residents appreciable:	Door knocking, telephone and/or letterbox drops
Risk to health and safety of nearby residents not appreciable:	Media release and BMR Quarries website

7. Potential Hazards

Potential pollution hazards to environmental and human health at Mount Winton Quarry include the storage of small amounts of chemicals, oil, waste oil, fuels used for the maintenance of vehicles and plant, release of water from sedimentation ponds and sediment.

8. Pre-Emptive Action To Reduce Risks Of Pollution Incidents

The following controls have been implemented at Mount Winton Quarry to reduce the risk of a pollution incident occurring:

- Chemicals are stored in appropriate containers and in designated storage areas;
- Intermediate bulk containers (IBC) and drums are stored in designated storage container with bunding to prevent spillage into the environment;
- Erosion and sediment controls have been designed and implemented on site. The following structural controls are in place:
 - Drainage channels/gutters;
 - Rock check dams;
 - Bunding;
 - Sedimentation basins;
 - Earth banks;
 - Vegetation buffer/infiltration area.

9. Inventory Of Pollutants

BMR Quarries environmental protection licence is for 'Extractive Activities', being the excavation, crushing and screening of rock to produce aggregates and materials such as road base, and hence all chemicals stored on premises are of a quantity to maintain vehicles, plant and equipment and are not of quantities requiring a manifest. Safety Data Sheets for engine coolants that are hazardous chemicals are kept on site.

10. Safety Equipment

10.1 Earthmoving Equipment

The activities undertaken at Mount Winton Quarry requires the utilisation of heavy earthmoving equipment which can be used to prevent further spread and containment of a pollution incident.

10.2 Spill Kits

A large capacity spill kit in a yellow wheelie bin is located at the site office, with smaller spill kits located on powered mobile plant.

10.3 Firefighting Equipment

Mount Winton Quarry has had a fire equipment inspection for its buildings undertaken by its fire protection service provider who has installed suitable fire extinguishers and fire blankets in accordance with 'AS 2444: Portable fire extinguishers and fire blankets - Selection and location 'Emergency and Evacuation Plan - Site Office'. Fire extinguishers are also located on plant.

10.4 First Aid Kits

A first aid assessment was undertaken to determine what first aid equipment was required at Mount Winton Quarry. 'Table 1: First Aid Equipment' shows the first aid equipment located at Mount Winton Quarry. All first aid kit contents comply with the 'NSW Code of Practice: First Aid in the Workplace 2020'.

Table 1: First Aid Equipment

Mount Winton Quarry First Aid Equipment	
Number and location of kits	Two first Aid kits. One Large occupational first aid kit located in site office, with a heavy duty 10 cm crepe bandage for snake bites. Basic first aid kit and a heavy duty 10 cm crepe bandage for snake bites located on Leading Hand's vehicle which is parked at quarry floor.
Additional equipment	AED located next to first aid kit in site office. Two heavy duty 10 cm crepe bandages for snake bites as per above.

11. Communicating With Neighbours And The Local Community

If a pollution incident occurs the Managing Director will be responsible for communicating important elements of the incident and response to neighbours and the local community.

Depending on the type of incident specific information could be provided to the community to minimise the risk of harm. For example, this could include instructions to close windows and doors and remain inside for incidents involving emission of air pollutants or avoiding the use of water in creeks or river affected, or likely to be affected, by a pollutant discharge.

BMR Quarries Pty Ltd will utilise their website to inform the community of any Pollution Incidents.

12. Minimising Harm To Persons On The Premises

12.1.1 Serious Illness/Injury or Dangerous Incident

1. Assess the area for potential danger to the injured person(s), bystanders, fellow workers, and yourself such as risk of electrocution by fallen powerlines;
2. Do not move the injured person(s) unless they are in a life-threatening situation;
3. Contact the emergency services (ambulance, fire, police) if required. If other persons are present instruct them to undertake the task, why you provide initial assistance;
4. Provide initial assistance as required to injured persons;
5. Notify First Aid Officer available at the workplace. If other persons are present instruct them to undertake the task, why you provide assistance;
6. Do not interfere with the scene of the incident, as depending on the extent and type of injury to the person an investigation by SafeWork NSW and the NSW Resources Regulator may be required, and an investigation will be required to be undertaken by the SEQ Manager;
7. Contact the Quarry Manager and SEQ Manager;
8. Wait for further instructions (from SEQ Manager or emergency service);
9. If SafeWork NSW and the NSW Resources Regulator need to be notified because the incident was a dangerous incident and/or resulted in a notifiable injury this will be undertaken by the SEQ Manager.

12.2 Evacuation

In the case the workplace/work site needs to be evacuated people should be moved in an orderly fashion and the numbers accounted for before and after each move. No one must be overlooked.

The decision to evacuate can be made initially by any worker on discovery of the incident, but total evacuation of the worksite should be made by the Quarry Manager or Leading Hand.

Evacuation should be conducted in three distinct stages, depending on the severity of the emergency:

Stage 1 – Removal of people from the Immediate Danger Area

Workers and other persons in the immediate area will, in the first instance, need to be assembled outside the affected area. Quickly make the immediate work area safe by turning off any running plant and equipment, if safe to do so. Ensure that all personnel are removed from immediate danger.

Stage 2 – Removal to a Safe Area

All persons must move to the 'Emergency Assembly Area' which is located at the site office where the Quarry Manager or Leading Hand can conduct a head count, to ensure that all workers and other persons are accounted for. The sign-in and sign-out registers will be utilised to confirm everyone is accounted for. When moving to the 'Emergency Assembly Area' the Quarry Manager and/or Leading Hand should encourage people to remain calm and move toward the 'Emergency Assembly Area' in an orderly manner.

Stage 3 – Complete Evacuation of Site

Should the emergency necessitate evacuation of the entire site, the resources of all workers will be required to assist in the movement of everyone to a place of safety. The place of safety will be determined by the Quarry Manager or Leading Hand depending on the type of emergency, though generally this would be the front gate of the Mount Winton Quarry located on the Duri-Winton Road.

12.3 Informing To Proceed To Emergency Assembly Point or Evacuate

In an incident where workers are to assemble at the 'Emergency Assembly Point' to maintain order it would be ideal for the instruction to be given in person, though in emergencies this may not be able to be undertaken. Where a direct instruction cannot be given in person, or by mobile phone, the instruction will be given by UHF radio on channel 10 by the below wording:

'PAN PAN PAN - This is the Quarry Manager, and this is not a drill, PAN PAN PAN - I repeat this is the Quarry Manager, and this is not a drill, could all persons present at the quarry please proceed to the Emergency Assembly Point. I repeat could all persons present at the quarry please proceed to the Emergency Assembly Point'.

The above action will be continued, as necessary.

In a case where emergency assembly is to be at another point the above wording shall be used with the other point of emergency assembly being inserted in place of 'Emergency Assembly Point'.

In a case where another worker other than the Quarry Manager needs to give the above instruction, they shall use the same wording though identify themselves other than Quarry Manager.

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In a situation where direct instruction, instruction by mobile phone or UHF radio cannot be made, alerting workers to assemble at the Emergency Assembly Point will be made by use of air horn.

The signal to assemble at the Emergency Assembly Point will be four 'one second blasts' of the air horn. This action will be continued, as necessary.

Air horns are located in the site office and the Leading Hand's Vehicle.

12.4 Emergency and Evacuation Plans

Emergency and evacuation plans quarry location coordinates and emergency contact details are located at the site office, weighbridge room, and pug mill control room.

13. Pollution Incident - Actions To Be Taken

If a pollution incident occurs all possible measures possible, without persons putting themselves in harm's way, should be undertaken to minimise and contain the pollution incident.

The use of heavy earthmoving equipment would be the most practicable way to contain the pollution event in regard to a chemical spill or to contain sediment containing water. This would be to construct an earthen bund wall or to dig a depression to trap the pollutant.

Smaller spills of chemicals can be controlled and cleaned up by using spill kits.

All leaks and spills (other than incidental maintenance spills undertaken whilst maintaining vehicles and plant), shall be reported to the SEQ Manager and recorded as an incident.

14. Staff Training

Mount Winton Quarry workers will be trained in the PIRMP.

Training methods include:

- Toolbox talks;
- Formal staff training on incident management; and
- Undertaking simulated incident exercises.

15. Testing And Review Of The PIRMP

This plan shall be reviewed and tested annually.

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16. Emergency and Evacuation Plan - Site Office



Emergency & Evacuation Plan
Mount Winton Quarry
1935 Duri-Winton Road, Winton (Tamworth) NSW 2344



Key

-  Fire Extinguisher
-  Fire Blanket
-  First Aid Kit
-  AED

In case of Emergency Dial 000

R - REMOVE / RESCUE PEOPLE
Remove everyone from the danger area, then assess the situation. Rescue any people in immediate danger (only if it is safe to do so).

A - ALARM - Raise the Alarm
Dial 000
Contact Ben Wilson (Quarry Manager) M: 0400 618 487

C - CONTAIN FIRE & SMOKE
If practicable, close all doors and windows to contain the fire (only if it is safe to do so).

E - EXTINGUISH / EVACUATE
Try to extinguish the fire using appropriate firefighting equipment only if you are competent and it is safe to do so.
Take others with you.
Proceed to main Emergency Assembly Point at site office

24 Hours Emergency Contact:
Ben Wilson (Quarry Manager) M: 0400 618 487

First Aid Officers

Stuart Partridge - 0427 780 351
Lyn Levingston - 0428 447 876

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