

McLennan Earthmoving Pty Limited

Pollution Incident Response Management Plan – Duncans Quarry

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1.0 Overview

This Pollution Incident Response Management Plan (PIRMP) has been prepared in accordance with the Protection of the Environment Operations Act 1997 and the Protection of the Environment Operations (General) Regulation 2022.

This plan will be implemented immediately if a pollution incident causing or threatening material harm to the environment occurs, and a copy is kept on site and made available as required by legislation.

This document is authorised by the PCBU and Mine Operator, Phil McLennan, Managing Director, McLennan Earthmoving, on 04 March 2026.

2.0 Site Details

The site known as "Duncans Quarry" is located at 3281 Gwydir Highway, Jackadgery NSW and is operated by McLennan Earthmoving Pty Limited under Environmental Protection Licence (EPL) No. 13248.

Activities on the site include extraction, crushing, stockpiling and loading of quarry material into trucks.

Typically, 4-20 personnel may be present on site at any time, including employees and subcontractors. The site also receives regular movements of company trucks, customer vehicles and haulage subcontractors.

The authorised person's responsible for PIRMP activation, notifying relevant authorities and managing response to pollution incident are as follows:

- Primary: Phil McLennan, Managing Director, 0428 664 515
- Secondary: Ben Warwick, Quarry Manager, 0429 431 521

3.0 Emergency Contacts

3.1 Agencies

In the event of a pollution incident, the authorised person will contact the relevant emergency authorities immediately. These may include one or more of the following.

- Fire and Rescue NSW and/or Rural Fire Service as applicable **000** (first notification)
- EPA **131 555**
- NSW Health **02 9391 9000**
- SafeWork NSW **13 10 50**
- Clarence Valley Council **02 6643 0200**

3.2 Neighbours and Community Notification

In addition to notifying emergency response agencies, potentially affected neighbouring properties or members of the community will also be notified where required.

In the event of a pollution incident, the authorised person or representative will contact potentially affected property owners or occupiers as soon as practicable.

Early warning will also be provided if a pollution incident is developing, and affected parties will be updated as the response progresses.

4.0 Description and Likelihood of Pollution Hazards

Potential pollution hazards on the site include chemical and fuel spills, dust emissions and water contamination. The following table outlines these risks and the control measures in place to mitigate them.

Risk Assessment Matrix

Risk Analysis Risk Classification = Consequence x Likelihood		LIKELIHOOD				
		5 Very high*	4 High*	3 Medium*	2 Low*	1 Very low*
CONSEQUENCE	5 Very large Major irreversible environmental harm on-site and/or off-site damage.	25 Critical	20 Significant	15 Significant	10 Moderate	5 Minor
	4 Large Major on-site and/or off-site impacts with clean up or remedy requires significant effort.	20 Significant	16 Significant	12 Moderate	8 Minor	4 Minor
	3 Medium Moderate on-site and/or off-site impacts (but no significant irreversible damage) with clean up or remedy work incurring a moderate level of effort.	15 Significant	12 Moderate	9 Moderate	6 Minor	3 Minor
	2 Small Treatable on-site impact with clean up or remedy work incurring a small level of effort.	10 Moderate	8 Minor	6 Minor	4 Minor	2 Negligible
	1 Very small Reversible and insignificant environmental impact.	5 Minor	4 Minor	3 Minor	2 Negligible	1 Negligible

HAZARD	RISK RATING	CONTROL MEASURES	RESIDUAL RISK
Large fuel spill	Significant	Double-bunded fuel tanks. Fuel and chemicals used and handled in accordance with SDS. Maintenance and refuelling undertaken in designated areas (preferably on concrete). Spill kits available. Plant and vehicles maintained in good condition.	Minor

		Good housekeeping practices maintained.	
Chemical storage leakage or spill	Significant	Bitumen pre-coat stored in covered bunded concrete area. Other hazardous materials stored in designated covered and bunded areas. Chemicals handled in accordance with SDS. SDS available on site. Good housekeeping maintained.	Minor
Bushfire or fire from quarry operations	Significant	Flammable liquids stored in covered bunded areas away from vegetation. Burning is only undertaken on site where permitted and in accordance with relevant approvals. Refuelling undertaken in designated areas. Fire extinguishers provided on plant and across the site. Staff trained in emergency procedures. Hot works restricted during high fire danger periods. Water carts available for fire response.	Minor
Discharge of water with elevated suspended solids	Significant	Erosion and sediment controls implemented and maintained in accordance with the site erosion and sediment control plan. Clean and contaminated water separated using diversion drains and bunds. Stormwater managed through site retention basins to allow settling. Disturbed areas progressively stabilised. Discharge water tested for EPL compliance.	Moderate
Dust emissions from operations and vehicle movements	Significant	Dust suppression measures implemented including water trucks, sprinklers, covering or stabilising stockpiles and haul roads. Increased dust suppression during windy conditions. Loads covered during transport where required. Activities cease if dust cannot be effectively controlled.	Moderate
Waste incorrectly managed and entering the environment	Moderate	Waste segregated and stored in designated areas. General waste and recycling bins provided and transferred to site skip bins. Skip bins collected by licensed contractor. Waste oil stored and disposed of through	Minor

		licensed recycler. Scrap metal reused or recycled where possible.	
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5.0 Polluting Materials Stored Onsite

The following is a list of the type of material, how it is stored and pollution prevention measures.

MATERIAL	STORAGE	CONTROL MEASURES
Diesel	Bunded diesel tank (65,000 L). Service vehicles carry up to 400 L for refuelling plant.	Stored and handled in bunded areas. Spill kits available. Refuelling attended with plant turned off. Fire extinguishers provided on plant and across the site.
Petrol	Small quantity (-5 L) stored in jerry can for small engines.	Stored sealed in a secure shed. Spill kits available. Handled in accordance with SDS.
Oils & lubricants	Stored in workshop shed and service vehicles in sealed containers.	Stored in bunded areas. Containers kept sealed and disposed of if damaged. Spill kits available.
Bitumen pre-coat	Stored in covered bunded concrete area.	Bunding capacity exceeds tank volume.
Cement/Lime	ISO container and silo.	Tanks labelled. Loaded by specialist contractors. PPE required.

6.0 Safety & Emergency Equipment

The following equipment and resources are available on site:

- Two-way radios
- Portable fire extinguishers
- First aid kits and defibrillator
- Water hoses and water trucks kept filled
- Spill response kits and hand shovels
- Personal Protective Equipment (PPE)
- Safety Data Sheets (SDS)

All equipment is inspected and maintained as necessary to ensure it operates correctly in the event of an incident.

8.0 Pollution Incident Response

If a spill or leak of polluting material occurs, notify the authorised person immediately and follow these basic response steps:

1. Stop work and assess the situation, follow all health and safety precautions warranted by the material and circumstances.
2. Evacuate the area if required and contact emergency services if there is a risk to people, property or the environment.

3. If the spill may reach waterways or drains, immediately contact the EPA (131 555) and follow their instructions.
4. Contain the spill where safe to do so, for example by, shutting off valves or stopping the source, using sand or absorbent material, blocking drains or redirecting flow to a safe area.
5. Clean up all contaminated material and dispose of properly, at a licenced waste facility if required.
6. Clean and restock emergency equipment.
7. Complete an incident/hazard report.
8. Authorised person to notify the EPA if the incident is reportable and provide further information or written reports if requested by the EPA.

7.0 Site Maps





Boundary Map

9.0 Training

Relevant personnel receive training in the PIRMP and participate in annual testing or drills as required to maintain familiarity with the plan.

10.0 Testing and updating of the PIRMP

This plan will be reviewed annually, following any pollution incident, or when site operations change.

Document History

Revision Number	Release Date	Comment/Notes	Prepared / Authorised By
0	29/06/2017	PIRMP from 2015 used as reference material for 2017 review.	Justine Webber
1	30/06/2017	Further review of and amendments made to Draft PIRMP.	Justine Webber
2	14/08/2017	Further review of and amendments made to Draft PIRMP.	Justine Webber
3	29/08/2017	Further review of and amendments made to Draft PIRMP.	Kim Painter & Justine Webber
4	14/11/2017	Final DRAFT ready for confirmation and testing.	Justine Webber
5	17/11/2017	Checking of final Draft PIRMP confirming information included was	Phil McLennan & Kim Painter

		accurate and up to date. Consideration was also given to ensuring that PIRMP was able to be implemented at Duncans Quarry, 3281 Gwydir Hwy, Jackadgery in an effective manner. Final amendments made accordingly after the testing of PIRMP.	
6	14/02/2019	Review for currency and accuracy, changes made to headers in attachments. Tested.	Justine Webber
7	01/02/2021	Full review of currency and accuracy of document. Tested	Allison McDonald
8	26/05/2022	Update of current legislation POEO Act and Regulation	Allison McDonald
9	26/05/2023	Review and update to website as per EPA regulation	Allison McDonald
10	27/05/2024	Review and update to website as per EPA regulation	Allison McDonald
11	14/06/2025	Review and update to website as per EPA regulation	Kellie Cromack
12	04/03/2026	Full review and rewrite into plain English. Site maps updated. Checked against legislation and EPL. Personnel retrained March 2026.	Prepared by Kellie Cromack Authorised by Phil McLennan

11.0 References

- Protection of the Environment Operations Act 1997
- Protection of the Environment Operations (General) Regulation 2022
- EPA Pollution Incident Response Management Plans Guideline
- EM-11 Spill Control & Clean Up
- WHS-31 Emergency Guidelines Procedure
- Emergency Control Plan for Duncans Quarry
- McLennan Earthmoving's Safety Integrated Management System (Quality, Work Health & Safety and Environmental Management)