



Walleroobie Quarry Pollution Incident Response Management Plan v5 ENV-PLA-2201 WALQ-012

Environment Protection Licence Number: 4132



Walleroobie Quarry
Seberrys Lane, Walleroobie, NSW

	Title	Name	Date
Creator	NSW Resource Development and Environment Manager	S Rankin	6/10/2023
Reviewer	ewer Quarry Manager		17/10/2023





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1 Purpose

E.B. Mawson & Sons Pty Ltd holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for the Milbrae Walleroobie 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.

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.

2 Definition of Material Harm to the Environment

This plan must be activated in the event of a *pollution incident* that causes or threatens *material harm* to the environment.

Pollution incident means a leak, spill or other escape or deposit of a substance, which causes or is likely to cause pollution (does not include an incident involving only the emission of noise).

Pollution means (broadly) release or introduction of any substance to air, land or water.

Material harm means actual *or potential* harm to health or safety of human beings or ecosystems that is not trivial, cost to make good exceeds \$10,000. Includes incidents that only impact the premises where the incident occurs.



3 Environment Protection Licence (EPL) Details

Name of licensee:

E.B. Mawson & Sons Proprietary Limited

ABN: 14 004 519 617

EPL number: 4132

Milbrae Walleroobie Quarry

Premises name and address: Seberrys Lane Walleroobie via

COOLAMON NSW 2701

Name: Daniel Lythgo

Company or business contact details (business hours):

Position or title: Quarry Manager

Business hours contact number: 0436 303 467

Email: enquiries@mawsons.com.au

Name: Shari Rankin

Company or business contact details (after hours):

Position or title: NSW Resource Development and

Environment Manager

Business hours contact number: 0433 845 432

Email: srankin@mawsons.com.au

Environmental concerns or complaints

Business hours contact number: 1800 423 456

After hours contact number: 0433 845 432

Website address: www.mawsons.com.au

Scheduled activity/activities

on EPL:

Extractive activities

Fee-based activity/activities

on EPL:

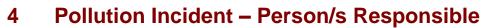
Extractive activities

Ancillary activities on EPL:

N/A







Responsibility	Person Responsible
	Name: Daniel Lythgo Position or title: Quarry Manager
PIRMP activation	Business hours contact number: 0436 303 467
Tikim douvation	After hours contact number/s: 0436 303 467
	Email: dlythgo@mawsons.com.au
	Name: Shari Rankin
Notifying relevant authorities Notification should be made by	Position or title: NSW Resource Development and Environment Manager
a person with an appropriate level of authority within the	Business hours contact number/s: 0433 845 432
company.	After hours contact number/s: 0433 845 432
	Email: srankin@mawsons.com.au
	Name: Daniel Lythgo
	Position or title: Quarry Manager
Managing response to pollution incident	Business hours contact number: 0436 303 467
ponanon moidone	After hours contact number/s: 0436 303 467
	Email: dlythgo@mawsons.com.au

5 Notifications - Relevant Authorities

Incidents that cause or threaten material harm (actual or potential harm that is not trivial, eg. loss/damage ~ \$10,000) must be reported to **all** relevant authorities **immediately**.

Authority	Contact Number			
Fire and Rescue NSW / Rural Fire Service (first notification)	000			
EPA	131 555			
NSW Health – Albury Public Health Unit	02 6053 4800			
SafeWork NSW	131 050			
Local authority – Coolamon Shire Council	02 6930 1800			
NSW Resources Regulator	1300 814 609			







6 Notifications – Neighbours and the Local Community [REDACTED]

Neighbours potentially impacted by a pollution incident at Walleroobie Quarry are those listed in Table 1 that are within approximately 2km of the quarry (see Figure 3 in Section 11). Contact details in Table 1 for neighbours proximate to Walleroobie Quarry have been redacted for privacy reasons.

Notification of neighbours is the responsibility of the Quarry Manager but may be delegated to a suitably trained person at the discretion of the Quarry Manager and in consultation with the NSW Resource Development and Environment Manager. It is the responsibility of the Quarry Manager to inform and update the NSW Resource Development and Environment Manager and to record the incident in O4i in accordance with ENV-PRO-001 Environmental Incident Management Procedure.

Table 1: Potentially impacted neighbours proximate to Walleroobie Quarry [REDACTED]

Neighbour Number	Address	Lot Number(s)	Contact Name(s)	Contact Details	Communication Requirements

REDACTED

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7 Hazards - Description and Likelihood

Table 2: Walleroobie Quarry risk assessment

		Risk Asse	essment Prior to l Actions	Pre-emptive		Risk Ass	sessment After P Actions	re-emptive	Manitoring	and Continuous Improvement	
Hazard	Pollution Incident (Material Harm)	Inherent Risk			Pre-emptive Actions		Residual Risk		Monitoring	and Continuous Improvement	
	(Material Harri)	Likelihood	Consequence	Risk Rating		Likelihood	Consequence	Risk Rating	Aspect to be Monitored	Details of Monitoring and Continuous Improvement	
Dust	Excessive dust resulting in nuisance to neighbours	Likely	Minor	Medium	Compliance with approved operating hours Exposed/disturbed areas minimised and revegetation undertaken progressively to reduce exposed/disturbed areas	Unlikely	Minor	Low		Monitoring to be conducted in	
Dust	Excessive dust resulting in health impacts to neighbours	Possible	Major	High	 Water sprays installed and operational at critical locations on processing plant Drill rig fitted with engineered dust extraction/suppression 	Rare	Minor	Low	Air quality as per EPL 4132 and ENV-PLA-	 accordance with EPL 4132 and ENV-PLA-001 Air Quality Management Plan Monitoring as part of environmental inspections (as per ENV-PRO-002 	
Dust	Excessive dust resulting in biodiversity impacts	Possible	Minor	Medium	 Water cart utilised on exposed areas, roads and hardstands Site access roads and haul roads adequately maintained and appropriately speed limited Dust generating plant shut down during dust amplifying weather conditions Material drop heights for stockpiles reduced Continuous dust monitor deployed 	Unlikely	Minor	Low	001 Air Quality Management Plan	 Environmental Risk Management Procedure) as well as opportunistic site visits Community interactions (including complaints) to be recorded and reported where appropriate 	
Surface Water	Unauthorised discharge of wastewater resulting in ecosystem damage to receiving waterway	Possible	Moderate	Medium	 Access and haul roads designed with sufficient diversion drains and culverts to ensure stormwater is diverted away from receiving waterways Access and haul roads graded and orientated to slow the flow of stormwater 	Unlikely	Minor	Low	Water quality as per	Monitoring to be conducted in accordance with EPL 4132 and ENV- PLA-2201 WALQ-005 Walleroobie	
Surface Water	Localised flooding as a result of quarry impacts on surface water systems resulting in impacts to neighbours	Possible	Moderate	Medium	Stormwater directed to sumps Surface water drainage line/waterway kept free of debris and diversion structures employed to direct stormwater away from them Erosion and sediment control structures	Unlikely	Minor	Low	EPL 4132 and ENV- PLA-2201 WALQ-005 Walleroobie Quarry Surface Water and Groundwater Management Plan	Quarry Surface Water and Groundwater Management Plan Monitoring as part of environmental inspections (as per ENV-PRO-002 Environmental Risk Management Procedure) as well as opportunistic	
Surface Water	Sedimentation resulting in ecosystem damage to receiving waterway	Possible	Minor	Medium	employed to prevent the sedimentation of receiving waterway Exposed/disturbed areas minimised and revegetation undertaken progressively to reduce exposed/disturbed areas	Unlikely	Minor	Low		site visits	
Groundwater	Groundwater contamination resulting in aquifer pollution	Possible	Major	High	 Hydrocarbons stored in appropriately bunded areas (as per Figure 4) Adequate spill kits are available on site and training is provided in their use Storage of hydrocarbons is audited during environmental inspections and opportunistic site visits 	Rare	Moderate	Medium	Water quality as per EPL 4132 and ENV- PLA-2201 WALQ-005 Walleroobie Quarry Surface Water and Groundwater Management Plan	Monitoring to be conducted in accordance with EPL 4132 and ENV-PLA-2201 WALQ-005 Walleroobie Quarry Surface Water and Groundwater Management Plan Monitoring as part of environmental inspections (as per ENV-PRO-002 Environmental Risk Management Procedure) as well as opportunistic site visits	
Fire	Uncontrolled fire started or exacerbated as a result of quarry activities resulting in impacts to neighbours	Possible	Major	High	 Plant and equipment is well maintained and fitted with spark arrestors and fire extinguishers No "hot works" undertaken on days of Total Fire Ban without written approval of RFS Liaison with RFS undertaken in times of extreme fire danger Refuelling and servicing conducted is designated areas 	Rare	Moderate	Medium	Emergency warnings Extreme weather Total Fire Ban days	Environmental inspections (as per ENV-PRO-002 Environmental Risk Management Procedure) as well as opportunistic site visits	

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Hazard	Pollution Incident (Material Harm)	Risk Asse	essment Prior to Actions Inherent Risk	Pre-emptive	Pre-emptive Actions	Risk Ass	sessment After Pi Actions Residual Risk	re-emptive	Monitoring	and Continuous Improvement
	, , , , , , , , , , , , , , , , , , , ,		Consequence	Risk Rating		Likelihood	Consequence	Risk Rating	Aspect to be Monitored	Details of Monitoring and Continuous Improvement
					 Quarry activities undertaken in accordance with ENV-PLA-2201 WALQ-002 Walleroobie Quarry Fire Management Plan 					
Fuels, Lubricants and Other Hazardous Materials	Spill resulting in ecosystem damage to receiving waterway	Possible	Moderate	Medium	 Storage and handling of hydrocarbons is in accordance with AS 1940 and the Dangerous Goods Act 1975 Hydrocarbons stored in appropriately bunded areas (as per Figure 4) Adequate spill kits are available on site and training is provided in their use 	Unlikely	Minor	Low	Water quality as per EPL 4132 and ENV- PLA-2201 WALQ-005 Walleroobie Quarry Surface Water and Groundwater Management Plan	Monitoring to be conducted in accordance with EPL 4132 and ENV-PLA-2201 WALQ-005 Walleroobie Quarry Surface Water and Groundwater Management Plan Monitoring as part of environmental inspections (as per ENV-PRO-002 Environmental Risk Management Procedure) as well as opportunistic site visits
Fuels, Lubricants and Other Hazardous Materials	Spill resulting in terrestrial ecosystem damage	Possible	Moderate	Medium	 Storage of hydrocarbons is audited during environmental inspections and opportunistic site visits 	Unlikely	Minor	Low	Area around hydrocarbon storages	Monitoring as part of environmental inspections (as per ENV-PRO-002 Environmental Risk Management Procedure) as well as opportunistic site visits
Pests, Weeds and Diseases	Infestation/outbreak resulting in ecosystem damage	Possible	Moderate	Medium	 Pest plants and animals, and diseases managed in accordance with ENV-PLA-2201 WALQ-003 Walleroobie Quarry Pest and Weed Management Plan Appropriately licensed personnel engaged to undertake pest plant and animal control Control of pest plant and animals, and diseases audited during environmental inspections and opportunistic site visits 	Unlikely	Moderate	Medium	Presence and control of pest plants and animals, and diseases as per ENV-PLA-2201 WALQ-003 Walleroobie Quarry Pest and Weed Management Plan	 Monitoring of presence and control of pest plants and animals, and diseases as per ENV-PLA-2201 WALQ-003 Walleroobie Quarry Pest and Weed Management Plan Monitoring as part of environmental inspections (as per ENV-PRO-002 Environmental Risk Management Procedure) as well as opportunistic site visits

This risk assessment has been conducted utilising the following matrix.

	Consequence								
		Insignificant	Minor	Moderate	Major	Critical			
	Rare	Low Low		Medium	Medium	High			
=	Unlikely	Low	Low	Medium	High	High			
Likelihood	Possible	Low	Medium	Medium	High	Very High			
8	Likely	Medium High		High	Very High	Very High			
	Almost Certain	Medium	High	Very High	Very High	Very High			

Figure 1: Mawsons risk matrix

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8 Pollutants

Figure 4 in Section 11 provides the locations of pollutants described in the table below.

Location/tank	Pollutant	Maximum Volume
Overhead tank approximately 200m from mechanical workshop	Diesel fuel	50,000L
Bunded storage near pre-coat plant	Precoat	20,000L
Self-bunded bulk storage shipping container adjacent to mechanical workshop	Oils/lubricants	2,000L

9 Safety Equipment

Figure 4 in Section 11 provides the locations of safety equipment described in the table below.

Equipment	Location		
Fire extinguishers In all buildings, on mobile equipment and in light vehicles			
Spill kits Adjacent to diesel tank and in mechanical workshop			
Bunding	Diesel tank and pre-coat plant		
Personal Protective Provided and required to be used in accordance with WHS-PRO-017 Equipment (PPE) Personal Protective Equipment (PPE) Procedure			
Eye Wash station	Mechanical workshop		
First aid kits In site office and mechanical workshop			
Defibrillator In site office			

10 Communicating with Neighbours and the Local Community

Each neighbour within 2km of the quarry will receive an in-person visit from Mawsons/Milbrae staff and a copy of this PIRMP with explanation of contact details for notifying Mawsons/Milbrae of complaints or concerns.

Specific messages in the event of a material pollution incident:

- Dust persons in the affected area should close windows and doors and remain inside until advised otherwise by Mawsons/Milbrae or emergency services.
- Fire implement fire safety plan and follow advice of emergency services
- Spill to waterways avoid entering or fishing in downstream waterways
- Pests, weeds and disease type of pest, weed or disease, location of outbreak, maintain vigilance

Minimising harm to persons on the premises

- Evacuate and assemble at the evacuation point at the front entry gate
- Initiate notifications, including emergency services
- Activate the emergency response plan





11 Maps and Site Plans

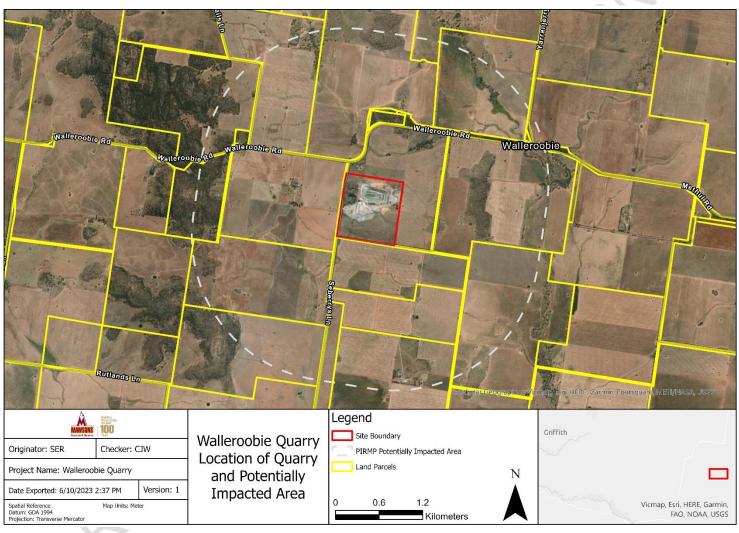


Figure 2: Location of quarry and potentially impacted area

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Figure 3: Location of potentially impacted neighbours and dwellings proximate to the quarry [REDACTED]





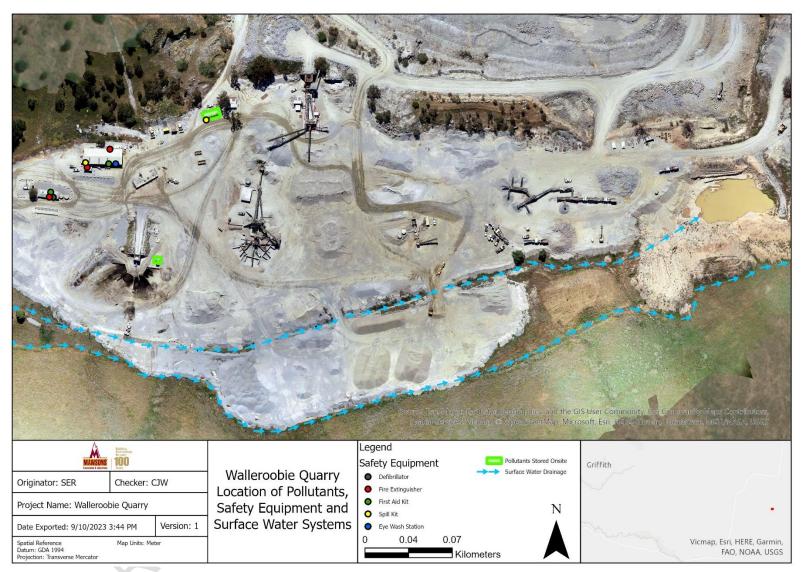


Figure 4: Location of pollutants, safety equipment and surface water systems

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12 Incident Response

Actions to be taken during or immediately after a pollution incident and the person responsible.

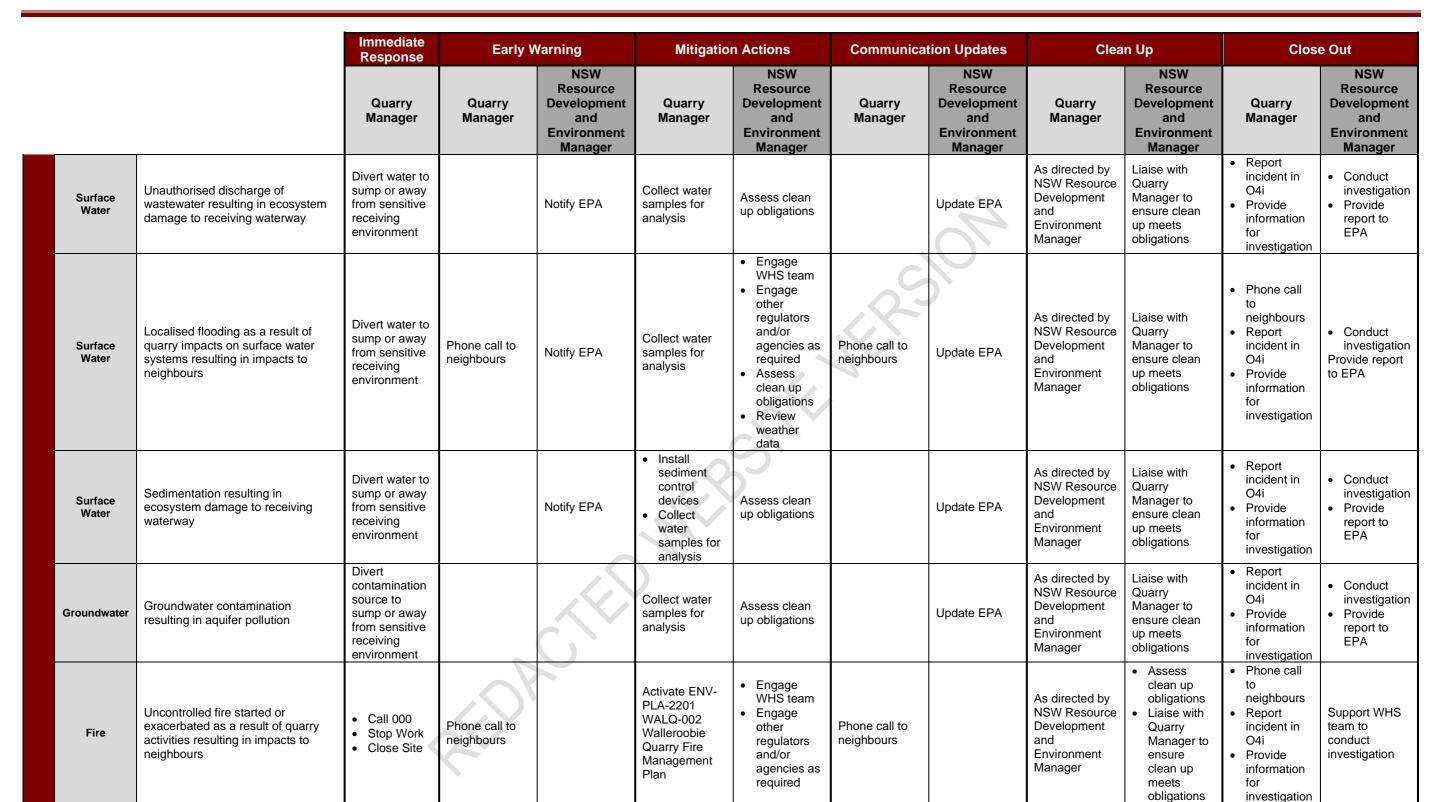
Note: Actions should only be taken if safe to do so.

		Immediate Early Warning N		Mitigatio	Mitigation Actions Comm		Communication Updates		Clean Up		Close Out		
			Quarry Manager	Quarry Manager	NSW Resource Development and Environment Manager	Quarry Manager	NSW Resource Development and Environment Manager	Quarry Manager	NSW Resource Development and Environment Manager	Quarry Manager	NSW Resource Development and Environment Manager	Quarry Manager	NSW Resource Development and Environment Manager
	Dust	Excessive dust resulting in nuisance to neighbours	Shut down dust generating plant and/or equipment	Text message to neighbours	Notify EPA	Identify source of excessive dust generation Activate dust suppression if not already active Redirect water cart to most heavily affected area	Review weather data Assess clean up obligations	Text message to neighbours	Update EPA	As directed by NSW Resource Development and Environment Manager	Liaise with Quarry Manager to ensure clean up meets obligations	Text message to neighbours Report incident in O4i Provide information for investigation	 Conduct investigation Provide report to EPA
Incident (Material Harm)	Dust	Excessive dust resulting in health impacts to neighbours	Shut down dust generating plant and/or equipment	Phone call to neighbours	Notify EPA	Identify source of excessive dust generation Activate dust suppression if not already active Redirect water cart to most heavily affected area	Identify area of impact Assess clean up obligations Engage WHS team Engage other regulators and/or agencies as required	Phone call to neighbours	Update EPA	Engage contractor to clean exteriors of impacted residences and rainwater tanks, re-fill tanks	Liaise with contractor to ensure clean up meets obligations	 Phone call to neighbours Report incident in O4i Provide information for investigation 	Conduct investigation Provide report to EPA
	Dust	Excessive dust resulting in biodiversity impacts	Shut down dust generating plant and/or equipment	2(1)	Notify EPA	Identify source of excessive dust generation Activate dust suppression if not already active Redirect water cart to most heavily affected area	Review weather data Assess clean up obligations		Update EPA	As directed by NSW Resource Development and Environment Manager	Liaise with Quarry Manager to ensure clean up meets obligations	 Report incident in O4i Provide information for investigation 	Conduct investigation Provide report to EPA EPA

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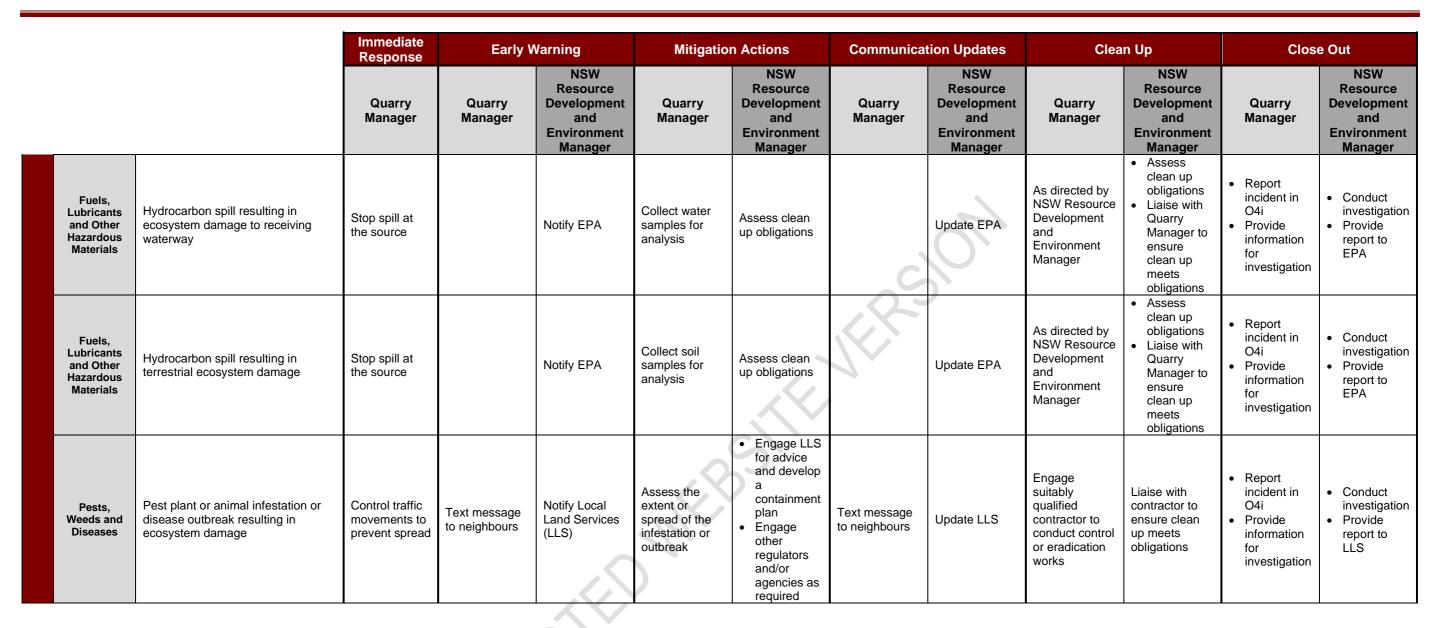




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13 Coordinating with Persons

Initial notifications and status updates to neighbours will be undertaken by the Quarry Manager or their delegate as described in Section 6.

Initial notifications to regulatory authorities will be undertaken by the NSW Resource Development and Environment Manager or their delegate.

Coordination with regulatory authorities and emergency responders that attend site will be managed by the Quarry Manager or their delegate.

Status updates to, regulatory authorities, and emergency responders that are not on site will be managed by the NSW Resource Development and Environment Manager or their delegate.

14 Training

Nature of Training	Training Objectives
Site Induction	Ensure that all personnel entering the site are aware of the hazards and control measures and any specific site conditions within the quarry
Emergency Response	During the testing of this PRIMP workers will have the opportunity to be trained on the emergency response equipment such as spill kit contents and use of these items. Formal fire extinguisher training.

15 Testing and Updating the PIRMP

It is a legal requirement to test the plan every 12 months and within one month of any pollution incident that caused or threatened material harm to the environment.

The PIRMP testing form is hosted on the Mawsons intranet at https://mawsons.integralcs.com/inform/manageinformformrecord/subpageadd/form_id/300. Actions and updates to the PIRMP are also managed through the Mawsons intranet.

16 Document History

Version	Date	Amended By	Reason for Change
1			Document created
2			
3			
4			
5	6/10/2023	S Rankin	Updated following change of site ownership