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Pollution Incident Response Management Plan

COONABARABRAN QUARRY

Version Five: 23rd July 2024



DOCUMENT CONTROL SHEET

Rev.	Date	Prepared by	Approved By	Revision Details
01	22 Dec 2020	Shoanne Labowitch	Shoanne Labowitch	Document Created
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Current Rev.	Date Implemented	PIRMP Test Schedule	Date for Next Review	
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2. PART A: COMPLIANCE REQUIREMENTS, POLLUTION INVENTORIES AND RISK ASSESSMENTS

3. **PURPOSE**

The purpose of the Coonabarabran Quarry Pollution Incident Response Plan is to:

• Provide direction to the staff at Coonabarabran Quarry in responding to pollution incidents at the Coonabarabran operations;

• Ensure timely communication about a pollution incident is provided to staff at the premises, the Environment Protection Authority (EPA), other relevant authorities specified in the Protection of the Environment Legislation Amendment Act (POELA Act) (including Mid-Western Regional Council, NSW Ministry of Health, Work Cover NSW, and Fire and Rescue NSW) and persons outside the operations who may be affected by the impacts of a pollution incident;

• Minimise and control the risk of a pollution incident at Coonabarabran Quarry by identifying key risks and planned actions to minimise and manage those risks;

• Detail the training requirements for this plan, identifying persons responsible for implementing it, and ensuring that the plan is regularly tested for accuracy, currency and suitability.

4. LEGISLATIVE REQUIREMENTS

The specific requirements for a Pollution Incident Response Management Plan (PIRMP) are set out in Part 5.7A of the POEO Act and the Protection of the Environment Operations (General) Regulation 2009 (POEO (G) Regulation). Part 3A of the POEO Act and the Protection of the Environment Operations (General) Regulation 2009 (POEO (G) Regulation) describes specific components and requirements of a PIRMP. Table 2 summarises the location of these requirements within the document.

Table 2: Summary of Legislative Requirements of a PIRMP

Section/Clause	Requirement	Location in PIRMP
147	 Part 5.7A POEO Act 1997 (1) For the purposes of this Part— (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. (2) For the purposes of this Part, it does not matter that harm to the environment is caused only in the premises where the pollution incident occurs. 	Section 3
153A	The holder of an environment protection licence must prepare a pollution incident response management plan that complies with this Part in relation to the activity to which the licence relates.	EPL 21429 and this document
153C	A pollution incident response management plan must be in the form required by the regulations and must include the following— (a) the procedures to be followed by the holder of the relevant environment protection licence, or the occupier of the relevant premises, in notifying a pollution incident to— (i) the owners or occupiers of premises in the vicinity of the premises to which the environment protection licence or the direction under section 153B relates, and (ii) the local authority for the area in which the premises to which the environment protection licence or the direction under section 153B relates are located and any area affected, or potentially affected, by the pollution, and (iii) any persons or authorities required to be notified by Part 5.7, (b) a detailed description of the action to be taken, immediately after a pollution incident, by the holder of the relevant environment protection licence, or the occupier of the relevant premises, to reduce or control any pollution, (c) the procedures to be followed for coordinating, with the authorities or persons that have been notified, any action taken in combating the pollution caused by the incident and, in particular, the persons through whom all communications are to be made, (d) any other matter required by the regulations.	Section 7 and 8 Section 4 Section 6, 7, 8, 9 and 14 Section 6, 7, 8, 9 and 14 Section 13 Section 6, 7, 8, 9 and 14 Section 6, 7, 8, 9 and 14
153D	A person who is required to prepare a pollution incident response management plan under this Part must ensure that it is kept at the premises to which the relevant environment protection licence relates, or where the	Section 1

	relevant activity takes place, and is made available in	
4505	accordance with the regulations.	0
153E	A person who is required to prepare a pollution incident response management plan under this Part must ensure that it is tested in accordance with the regulations	Section 10,11
153F	If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of section 147) is caused or threatened, the person carrying on the activity must immediately	Section 3, Section 13
	implement any pollution incident response management plan in relation to the activity required by this Part	
Part 3A	POEO(G) Regulation 2009 Pollution Incident Response Man	agement Plans
	note: See also 153C (a)-(c) of the POEO Act 1997	
98C(1) (a)	A description of the hazards to human health or the environment associated with the activity to which the licence relates,	Section 5, Appendix 1
98C(1) (b)	The likelihood of any such hazards occurring, including details of any conditions or events that could, or would, increase that likelihood,	Appendix 1
98C(1) (c)	Details of the pre-emptive action to be taken to minimise or prevent any risk of harm to human health or the environment arising out of the relevant activity	Section 8, Appendix 1, Section 13
98C(1) (d)	An inventory of potential pollutants on the premises or used in carrying out the relevant activity	Section 5
98C(1) (f)	A description of the safety equipment or other devices that are used to minimise the risks to human health or the environment and to contain or control a pollution incident,	Section 5, Appendix 1
98C(1) (g)	 the names, positions and 24-hour contact details of those key individuals who: I. are responsible for activating the plan, and II. are authorised to notify relevant authorities under section 148 of the Act, and III. are responsible for managing the response to a 	Section 7, 14
98C(1) (h)	pollution incident, the contact details of each relevant authority referred to	Section 8, 14
98C(1) (i)	in section 148 of the Act, Details of the mechanisms for providing early warnings and regular updates to the owners and occupiers of premises in the vicinity of the premises to which the licence relates or where the scheduled activity is carried on	Section 9
98C(1) (j)	The arrangements for minimising the risk of harm to any persons who are on the premises or who are present where the scheduled activity is being carried on	Section 8, Appendix 1
98C(1) (k)	A detailed map (or set of maps) showing the location of the premises to which the licence relates, the surrounding area that is likely to be affected by a pollution incident, the location of potential pollutants on the premises and the location of any stormwater drains on the premises	Figure 1-3
98C(1) (I)	A detailed description of how any identified risk of harm to human health will be reduced, including (as a minimum) by means of early warnings, updates and the action to be taken during or immediately after a pollution incident to reduce that risk,	Section 8, Appendix 1

98C(1) (m)	The nature and objectives of any staff training program in relation to the plan	Section 10
98C(1) (n)	The dates on which the plan has been tested and the name of the person who carried out the test,	Table 6
98C(1) (o)	The dates on which the plan is updated,	Document Control Sheet
98C(1) (p)	The manner in which the plan is to be tested and maintained.	Section 10, 11, 12

5. DEFINITION OF 'POLLUTION INCIDENT'

The definition of a pollution incident 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."

A pollution incident is required to be notified if there is a risk of 'material harm to the environment', which is defined in section 147 of the POEO Act 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.

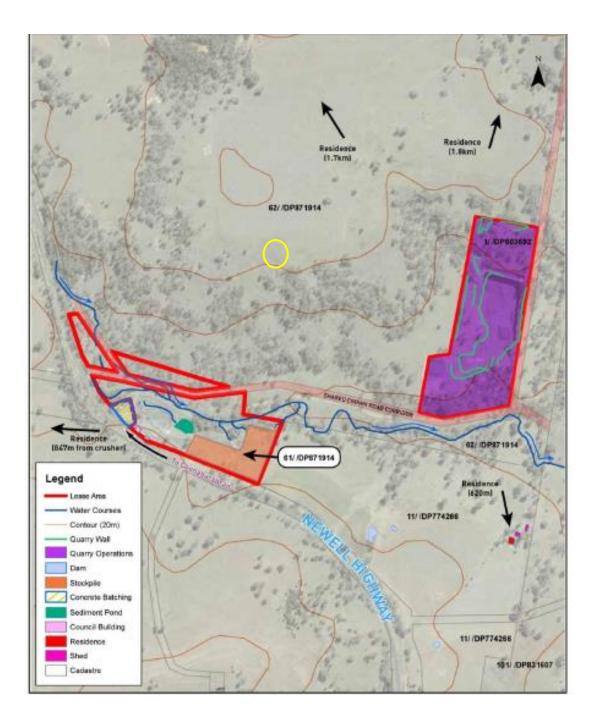
Coonabarabran Quarry is now required to report non-trivial pollution incidents immediately to the EPA, NSW Health, Fire and Rescue NSW, WorkCover NSW and the local council.

6. SCOPE

This PIRMP must be followed by employees, contractors and visitors of Coonabarabran Quarry, to assist in the early response to and reporting of a pollution incident. Coonabarabran Quarry is owned and occupied by Boral Resources (Country) and is operated under Environmental Protection Licence 945.

7. SITE LAYOUT

Figure 1: Coonabarabran Quarry Location Map



8. POTENTIAL POLLUTING SUBSTANCES

Table 3 below is an inventory of potential pollutants kept on the premises. This inventory provides a description of the main hazards to human health or the environment, an assessment of the likelihood of the hazards occurring and also includes the current controls and safety equipment and/ or pre-emptive actions in place to minimise or prevent risk of harm to human health or the environment

Table 3: Potential Pollutants

Site Name: Coonabarabran	Quarry					Responsible Person: Quarry Manager	Date: 20/7/2024
Name / description	Covered under Haz Chemicals/MSDS?	Amount stored	Location of storage	Map reference	Need for early warning ¹	Current controls	See Risk Ass & PIRMP Response Action (see Below)
CHEMICALS/F Diesel	UELS/LUBRICANTS (ra	Up to 10,000 ltrs	and products Diesel Storage Area	which can c Ref No [#] 1	N/A	ion) Bunding PMP Training Spill Kits SOP Inductions Fire Fighting Equipment Security	Incident #1-2, 10
Precoat	Class 3	Up to 10,000ltrs	Precoat Storage Area	Ref No [#] 3	N/A	 Bunding PMP Training Spill Kits SOP Inductions Fire Fighting Equipment Security 	Incident #1-3, 10
Oils/Solvents	Class 3	Packaged goods up to 600ltrs	Oil Storage Shed at Workshop	Ref No [#] 2	N/A	 Bunding PMP Training Flammable Cabinet 	Incident #4, 10

¹ Early warnings relate to informing neighbours who may be affected by the emission of this substance. If this substance is of a type and quantity which may reach neighbours then early warning assessment of actions is required to be undertaken. Coonabarabran Quarry – PIRMP-V5

Lubricants, Gases	Class 2	Variable	Maintenance Workshop	Ref No #2	N/A	 Spill Kits Inductions Fire Fighting Equipment Security Fire Extinguishers Concrete Floor Enclosed Shed Containment Cages and Cabinets 	Incident [#] 4, 10
Oils/Fuel	Class 3	Variable	Plant and Equipment (Workshop area)	Ref No [#] 2	N/A	 PMP Training Spill Kits SOP Inductions Fire Fighting Equipment Security 	Incident #4, 10
Product Stockpiles	stockpiles, silos, bul	Variable	Dedicated on site	Ref No [#] 8 & [#] 9	N/A	 Water sprays Water Cart Maintain manageable levels Security 	Incident [#] 5
	ams, wastewater tank		er storage are	a)			
Water Storage Dam (Sediment)	N/A	Variable		Ref No [#] 6	N/A	 Continue to use for dust suppression Ensure pumps are maintained through scheduled maintenance Discharge monitoring 	Incident [#] 6
Storm Water	N/A	Variable	Site	N/A	N/A	 Straw Bales 	Incident #6

Drains SUBSTANCES IN	PROCESSES (subs	ances whic	h could be em	itted from or	perational proc	 Rubber and Earthen Berms Audits and Inspections cess i.e. treatment plants 	vehicles etc)
Name / description	Covered under Haz Chemicals/MSDS?	Amount stored	Location of storage	Map reference	Need for early warning ²	Current controls	See Risk Ass & PIRMP Response Action (see Below)
Mobile Plant (onsite) BORAL	Class 3	Up to 10 MP on site	Dedicated on site	N/A	N/A	 Spill Kits Pre start checks PMP Training 	Incident #7

² Early warnings relate to informing neighbours who may be affected by the emission of this substance. If this substance is of a type and quantity which may reach neighbours then early warning assessment of actions is required to be undertaken. Coonabarabran Quarry – PIRMP-V5 14 of 39

9. ROLES AND RESPONSIBILITIES

Position	Responsibility
Employees and Contractors	Following the procedures outlined in the PIRMP and related documents
	Immediately alerting Supervisor or Team Leader of any environmental incidents or near-misses.
Team Leaders / Front	Following the procedures outlined in the PIRMP and
Line Supervisors	related documents (HSEQ MS 3-02)
	Immediately alerting Site/Operations Manager or, in case of their unavailability, Environmental Representative or Environment Manager of any potentially material environmental incidents or near-misses.
	Assist in conducting incident investigations.
Site Manager and/or Site Environmental Advisor	Authorisation of the PIRMP Administration, maintenance and implementation of the PIRMP
and/or Environment Manager	Assessing whether the incident is non-trivial and has caused or threatens "material environmental harm" and communicate details to management.
	Provide direction and advice on incident response
	Coordinate communication to neighbours through Stakeholder Relations Manager
	Ensuring that investigations are undertaken to a level corresponding to the level of risk and impact.
HSE Regional Manager and/or Regional Environment Managar	Make a determination as to whether the incident (as defined in section 147 of the POEO Act) is non-trivial and therefore reportable to external agencies
Manager	Inform Executive General manager and Group management of Notification to External Agencies
	Undertake notifications as defined in PIRMP
	Authorise notifications to public and/or media following GRP-HSEQ-2-02

10. INTERNAL POLLUTION INCIDENT REPORTING

Any pollution incident satisfying the *material harm* threshold must be immediately reported to relevant statutory authorities by either the Site/Operations Manager, or regional Environment Manager.

In cases where "material harm" level cannot be immediately assessed or insufficient information comes to hand on the severity of the incident, the general advice is to err on the side of caution and notify the Relevant Authorities with a qualification that the situation could not yet be fully assessed.

Until further notice the following procedure needs to be followed:

- 1. When a pollution incident occurs, a person who has become aware of it must immediately bring it to the attention of his/her immediate Supervisor or Manager
- 2. If necessary, first ring "000" for Emergency Services
- 3 At least one of the following BCM personnel must be contacted **immediately**:

Whilst personal contact details for the following are available in the Controlled on site Pollution Incident Response Management Plan they do not appear in this public document.

Name	Function	Phone number	Mobile number
	Site Manager		
	Operations Manager		
	HS Business Partner		
	Senior Environment Business Partner – NSW/ACT		
	Environment Business Partner – NSW/ACT		

Table 4: Site Contacts

 The Coonabarabran Manager, or in case of his unavailability one of the Senior Management personnel listed above, is to **immediately** notify the NSW HSE Regional Manager or Environment Manager.
 Coonabarabran Quarry – PIRMP-V5

- 5. NSW HSE Regional Manager to immediately notify all Appropriate Regulatory Authorities specified in Section 9.
- 6. In borderline situations, where the exceedance of the trigger level of "material harm" of a pollution incident may not be clear, a quick assessment including consultation with Boral environmental personnel should be undertaken to help the decision whether to notify or not.
- 7. Boral's Senior Management must be informed promptly of the fact of immediate notification to the Authorities. This includes environmental personnel listed above, as well as **Note: Contact details removed from public version.**

11. EXTERNAL POLLUTION INCIDENT REPORTING

As the legislation requires that notification must be done immediately upon becoming aware of the pollution incident, it is unlikely that a detailed picture will be available for reporting. Notwithstanding, it seems that some of the Government Authorities prepared a detailed questionnaire, which is being filled at the time of this initial notification. Under the stress of incident handling it could be easy to provide a hasty, inaccurate estimate of the situation when answering these questions.

Therefore, the notification should be restricted to the facts known and nothing should be assumed or guessed. The details will be provided to the asking Authority later when more information comes to hand.

The initial notification should include as much of the following information (if known) as possible:

- Location and time of the pollution incident
- Type of the incident (spill, fire, unlicensed harmful discharge, etc)
- Assessed level of incident gravity: "it seems to be..." (e.g. "a relatively minor spill"; "major fire", "explosion limited to one building", etc.)
- Whether the Emergency Services have been required to attend.

Unless known for a fact, the answers to other questions should be politely deferred until a better assessment of the situation can be made.

The Boral person who is responsible for notifying the Authorities (NSW HSE Regional Manager or Regional Environment Manager) about the incident as per the contact details in Table 5, must prepare a Notification Log (a suitable form is attached in Section 14) with the details of time of notifications and the persons who took to the call. The Authorities will generally provide an Incident Notification Number.

Notification of all Appropriate Government Authorities (at least 5 entities) may take considerable time. Delays may be experienced connecting to the right person or no contact may be possible after hours. All such instances should be recorded in the Notification Log.

12. POLLUTION INCIDENT AUTHORITY CONTACT LIST

Government Authority - compulsory notifications	Emergency notification phone number
EPA – Environment Line	131 555
Fire & Rescue NSW (FRNSW) Coonabarabran RFS	1300 729 579 (02) 6826 6300
Warrumbungle Shire Council	(02) 6849 2000
Public Health Unit – Western NSW	HealthLink (24 hr)- 1800 063 635 EHO- Dubbo- 0418 866 397 Dubbo Office - 02 6809 8979
WorkCover Authority of NSW	131050 Company ABN asked: 51 000 187 002
Government Authority - ring if relevant	Emergency notification phone number

Table 5: External Authority Contact List

Coonabarabran Quarry - PIRMP-V5

Police & Ambulance	000
Roads and Maritime Services (road spills)	132 701
NSW Office of Water	8838 7885
Bush Fire Control Officer	1800 049 933
Poisons Information Centre	131 126
Essential Energy (power line emergencies)	13 23 91

Communication with the local community may also be undertaken depending on the circumstances of the pollution incident. Coonabarabran Quarry would consider the following options for providing Early Warning and ongoing information to the community on pollution incidents:

- Direct phone contact with any local residents directly impacted by the pollution incident
- Letter Box drops of incident information and site contacts to local residents impacted by the pollution incident
- The inclusion of incident details within the relevant Quarry Community Newsletter

The Stakeholder Relations Manager can assist in the process of communicating with the community, as per the Stakeholder Engagement Plan for the site.

13. INCIDENT RESPONSE TRAINING

Coonabarabran Quarry will implement the Pollution Incident Response Management Plan by training or providing information to relevant employees and contractors in relevant areas of the Plan.

Training or information will be provided on the following;

• The contents and intent of this PIRMP,

Coonabarabran Quarry – PIRMP-V5

- The roles and responsibilities of site staff in relation to this PIRMP
- Spill response procedures;
- General environmental awareness; and / or
- Hazardous materials awareness.

Table 1: PIRMP Drills Undertaken at Coonabarabran Quarry

Test Date	Version tested	Incident Drilled	Drill Team Lead
10 Dec 2021	V1	Desktop review and update	Shoanne Labowitch
10 Dec 2022	V2	Desktop review and update	Rod Johnson
11 Dec 2023	V3	Desktop drill #1 and update	Chris Brown
23 Jul 2024	V4	Drill # 3 and update	Chris Brown

14. **PIRMP AUDIT**

The objectives of an audit are to maintain compliance with this plan. Internal audits of this Plan will be undertaken every 3 years.

Routine testing of the plan will be conducted annually, and can be completed through the following methods:

- Simulated environmental emergency, or
- Desktop simulations.

15. **PIRMP REVIEW**

Revisions are to be coordinated by the Site Manager and Environmental Representative.

The objectives of a review are:

- To maintain compliance with the statutory requirements, and
- To identify opportunities for improvement in the Plan, and reduce the risk to human health and the environment

13.1. EVENT BASED

Events which may trigger a review of this Plan or its associated documents include:

- Within 1 month of reporting to the nominated parties in accordance with the plan, after a pollution incident, or
- Modification/Improvement to the system

13.2. TIME BASED

Coonabarabran Quarry will review this management plan routinely every 12 months. The Plan review will include:

- This Document, and
- Legislation, Approval and Licence changes.

16. APPENDIX 1. RISK ASSESSMENT on POTENTIAL IMPACTS

	Haz	ard an	d Like	lihood	Risk Ass	sessment and Corrective Control Measures		
Site: Coonabarabran Quarry					sponsible arry Mana	Person: Reviewed Date: 20 July 2024		
Name / ref of pollutant/ chemicals	Description of Hazard / Incident leading to hazard	Conse quenc e	Likely hood	Risk	Impact on neighbour s ³	Control Measures Corrective Action Coverage under other Plans	Responsib le person	Action date
Diesel	Incident #1 Catastrophic failure of one/both above ground tanks	2	1	L	N/A	Consequence: (minor): Failure resulting in loss of all or substantial volume of tanks would be captured entirely by existing primary bund with no release to soil or water. Likelihood: (unlikely): Tanks is a double walled self bunded storage tank. Due to location of tank damage to tanks is unlikely to occur from external equipment. In addition tanks are maintained in good structural integrity with low risk of failure through corrosion.	As per PIRMP action plan	When required
	Incident #2 Loss of diesel outside bund during refuelling/fuelling operations.	2	2	L	N/A	Consequence: (minor): Failure resulting in loss/leakage from fuelling or re-fuelling from hose, nozzle or plant/equipment would be captured by a self bunded fill point or spill kill with minimal release to soil. Likelihood: (unlikely): Due to location within the tank structure an incident while re-fuelling and fuelling is likely to occur on some occasions. Hoses and refuelling equipment are maintained with low risk of failure.	As per PIRMP action plan	When required
Oils/Solvent s	Incident #3 Loss of oils solvents inside bund during delivery and or use	1	2	L	N/A	Consequence: (incidental): Failure resulting in loss of oils/solvents from packaged goods would be captured entirely by existing primary bund with no release to soil or water. Likelihood: (unlikely): Due to location within the bund, spillage during delivery and use is unlikely to occur. In addition hoses and decanting	As per PIRMP action plan	When required

³ If the incident may impact on neighbours then it will need to trigger the early warnings assessment and actions

						equipment are maintained in good structural integrity with low risk of failure.		
Product stockpiles	Incident [#] 4 Excessive airbourne dust from stockpiled material	1	2	L	Y	Consequence: (incidental): Excessive dust from stockpile during high winds causing nuisance to surrounding area. Likelihood: (unlikely): Stockpiles are maintained to a manageable level on a monthly basis. Use of water sprinklers and water cart onsite during windy periods.	As per PIRMP action plan	When required
Sediment Dams	Incident #5 Catastrophic failure of one or more sediment dams releasing large volumes of water into on-site and off-site water courses (i.e creek).	1	2	L	N/A	Consequence: (incidental): Catastrophic failure of one or more sediment dams are likely to result in off-site impacts to water courses which would predominantly reduce water quality over a short period of time. As such, impact to the environment/human health is not considered to be significant. Likelihood: (unlikely): Dams are frequently monitored and inspected for levels and integrity. Note: For PIRMP purposes overflow events during extreme wet weather will be reported under POEO Licence obligations and not Immediate Reporting.	As per PIRMP action plan	When required
Mobile Plant	Incident [#] 6 Mobile plant, hydraulic hose or fuel tank failure	1	2	L	N	Consequence: (incidental): Failure from fuel tank or hydraulic hoses would be maintain to a small localised area on site. Likelihood: (unlikely): Hose or fuel tank failure from mobile plant would be minimal as prestart and regular maintenance programs are in place to capture and prevent such occurrences. Spills kits also maintain and available in various areas.	As per PIRMP action plan	When required
Mobile plant/ Contractor, Visitor	Incident *7 Mobile plant, hydraulic hose or fuel tank failure	1	2	L	Ν	Consequence: (incidental): Failure from fuel tank or hydraulic hoses would be maintain to a small localised area on site. Likelihood: (unlikely): Hose or fuel tank failure from mobile plant would be minimal as prestart and regular maintenance programs are in place to capture and prevent such occurrences. Spills kits also maintain and available in various areas. Inductions for all contractors demonstrating their accountabilities and responsibilities for reporting environmental incidents.	As per PIRMP action plan	When required
Car Park	Incident *8 Ruptured fuel tank	1	2	L	N	Consequence: (incidental): Failure from fuel tank or hydraulic hoses would be maintain to a small localised area on site.	As per PIRMP action plan	When required

						Likelihood: (unlikely): Hose or fuel tank failure from employee or visitor car would be minimal. Car park area is fully sealed. Spill kits also maintain and available in various areas		
Traffic areas (dust)	Incident # 9 Surface dust from mobile plant	1	2	L	Y	Consequence: (incidental): Dust created form continuous mobile plant operations across site Likelihood: (unlikely): Main areas watered with water cart in high wind conditions	As per PIRMP action plan	When required
Smoke	Incident #10 Excessive smoke as a result of infrastructure or equipment fire causing significant and unexpected impact to the community	1	1	L	Y	Consequence: (minor) smoke would be visible but due to distance to the nearest receivers would have little impact Likelihood: (unlikely) fire fighting controls are in place in the operations and staff have been trained in fire fighting response. Maintenance schedule in place to ensure process and fire fighting equipment are in good working order. Emergency response training for Boral staff in place including fire response. Windy conditions will increase potential for smoke to leave site	As per PIRMP action plan	When required

17. PART B: INCIDENT RESPONSE ACTIONS AND NOTIFICATION LOGS

PIRMP RESPONSE ACTIONS 18.

	Incident No 1
Incident #1	Catastrophic failure of one/both diesel tanks.
	Actions Required:
	Contact all relevant people/department (refer to Immediate Reporting
	Contact Sheet)
	Ensure bunds are capturing full volume of diesel
	 Ensure bund integrity is sound throughout the entire period of incident (i.e. periodic inspections)
	 Contact service provider (Caltex No. 1800033111 or Transpacific 02
	96007185) to pump-out bund contents
	Area to be restricted to Incident Response Personnel
	Ensure spill kit available for any release from bund
	If any release from bund onto unsealed soil/surface water -
	Environmental Consultants to be engaged to investigate and remediate
	contamination.
	Repair/replace tanks
	Refuel tanks
Alarm raising	Inspect bund for ongoing serviceability Any personnel involved or witnessing incident to report to immediate supervisor
Alarin faising	and PIRMP actions to be implemented.
Emergency	Quarry Supervisor
Controller	Call service provider (Supervisor)
	Spill Kit manager (Supervisor)
	 Periodic inspections and update reporting of site and bund (Supervisor)
Scale of incident	Incident would be restricted to Diesel/Precoat storage area with minimal
	external impact, however, potential for bund overflow or failure may result in soil
	and surface water contamination that will require specialist
	investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Quarry Manager and any advice
	provided by Fire Dept as part of attendance after immediate notification.
Communications	Internal:
	Quarry Manager
	Enviro Representative External mandatory:
	Immediate Reporting Contact Sheet to be used
	External non-mandatory: N/A
Rescuer /	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
respondent +	
safety checks	
Rescue + First	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Aid	
Clean up and	Service Provider to dispose of diesel and advise on required clean-up.
Waste disposal	
Reporting and	See:
re-preparedness	 GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management
	Incident Notification SOP GRP-HSEQ-3-
	02Incident_Reporting_Investigation_and_Action_Management
	v3.2.pdf
	Review of PIRMP
	- Deview of relevent Management plan

Review of relevant Management plan

Reporting as per Conditions of consent Reporting as per EPL

Incident No.1

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Incident #2	Loss of Fuel due to filling and refueling from one/both diesel tanks.
	Actions Required:
	 Contact all relevant people/department (refer to Immediate Reporting
	Contact Sheet)
	 Ensure bunds are capturing full volume of diesel
	 Ensure bund integrity is sound throughout the entire period of incident
	(i.e. periodic inspections)
	Contact service provider (Caltex No. 1800033111 or Transpacific 02
	96007185) to pump-out bund contents
	Area to be restricted to Incident Response Personnel
	Ensure spill kit available for any release from bund
	 If any release from bund onto unsealed soil/surface water -
	Environmental Consultants to be engaged to investigate and remediate
	contamination.
	Repair/replace tanks
	Refuel tanks
	Inspect bund for ongoing serviceability
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor
	and PIRMP actions to be implemented.
Emergency	Quarry Supervisor
Controller	Call service provider (Supervisor)
Controller	 Spill Kit manager (Supervisor)
	 Periodic inspections and update reporting of site and bund (Supervisor)
Scale of incident	Incident would be restricted to Diesel/Precoat storage area with minimal
Scale of incident	external impact. However, potential for bund overflow or failure may result in
	soil and surface water contamination that will require specialist
	investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Quarry Manager and any advice
	provided by Fire Dept as part of attendance after immediate notification.
Communications	Internal:
Communications	Quarry Manager
	Enviro Representative
	External mandatory:
	Immediate Reporting Contact Sheet to be used
	External non-mandatory: N/A
Rescuer /	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
respondent +	
safety checks	
Rescue + First	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Aid	As per Site Emergency Fian of File Department as part of minediate Reporting
	Convise Drevidente dispace of dispel and advise an required clean up
Clean up and	Service Provider to dispose of diesel and advise on required clean-up.
Waste disposal	
Reporting and	See:
re-preparedness	 GRP-HSEQ-3-02 Incident Reporting Investigation and Action
	Management
	 Incident Notification SOP GRP-HSEQ-3-
	02Incident_Reporting_Investigation_and_Action_Management
	v3.2.pdf
	Review of PIRMP
	 Review of relevant Management plan
	 Reporting as per Conditions of consent
	Reporting as per EPL

Incident #3	Loss off oil/solvents, packaged goods.
	Actions Required:
	 Contact all relevant people/department (refer to Immediate Reporting Contact Shoot)
	 Contact Sheet) Ensure bunds are capturing full volume of oil/solvents
	 Ensure bunds are capturing full volume of oil/solvents Ensure bund integrity is sound throughout the entire period of incident
	(i.e. periodic inspections)
	 Contact service provider (Caltex No. 1800033111or Transpacific 02
	96007185) to pump-out bund contents
	 Area to be restricted to Incident Response Personnel
	 Ensure spill kit available for any release from bund
	 If any release from bund onto unsealed soil/surface water -
	Environmental Consultants to be engaged to investigate and remediate
	contamination.
	Inspect bund for ongoing serviceability
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor
F	and PIRMP actions to be implemented.
Emergency	Quarry Supervisor
Controller	Call service provider (Supervisor)
	 Spill Kit manager (Supervisor) Beriadia inspections and undets reporting of site and hund (Supervisor)
Scale of incident	 Periodic inspections and update reporting of site and bund (Supervisor) Incident would be restricted to chemical storage area with minimal external
Scale of incluent	impact. However, potential for bund overflow or failure may result in soil and
	surface water contamination that will require specialist
	investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Quarry Manager and any advice
	provided by Fire Dept as part of attendance after immediate notification.
Communications	Internal:
	Quarry Supervisor
	Enviro Representative External mandetany
	 External mandatory: Immediate Reporting Contact Sheet to be used
	External non-mandatory: N/A
Rescuer /	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
respondent	
safety checks	
Rescue + First	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Aid	
Clean up and	Service Provider to dispose of diesel, oil, grease and advise on required clean-
Waste disposal	up.
•	
Reporting and	See:
re-preparedness	 GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management
	Management Incident Notification SOP GRP-HSEQ-3-
	 Incident Notification SOP GRP-HSEQ-3- 02Incident_Reporting_Investigation_and_Action_Management
	v3.2.pdf
	Review of PIRMP
	 Review of relevant Management plan
	 Reporting as per Conditions of consent
	 Reporting as per EPL

Incident #4	Excessive airborne dust from stockpiled material.
	Actions Required:
	Employees, Contractor/Visitor to notify site representative of issue
	immediately. (induction)
	 Daily monitoring to be undertaken to assess weather and site
	• Daily monitoring to be undertaken to assess weather and site conditions
	Contact all relevant people/department (refer to Immediate Reporting
	Contact Sheet)
	Dust suppression activity to commence immediately on stockpiles
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor
Alarin raising	and PIRMP actions to be implemented.
Emergency	Quarry Supervisor
Controller	Call service provider (Supervisor)
Controller	
	Periodic inspections and update reporting of site and bund (Supervisor)
Scale of incident	Incident would be localised to the area surrounding stockpile area, with minimal
	external impact.
Evacuate	Only if fire or explosion potential exists. Quarry Manager and any advice
	provided by Fire Dept as part of attendance after immediate notification.
Communications	Internal:
	Quarry Manager
	Enviro Representative
	External mandatory:
	 Immediate Reporting Contact Sheet to be used
	External non-mandatory: N/Ă
Rescuer /	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
respondent,	
safety checks	
	As not Cita Emperance, Dian or Eiro Department on part of Immediate Departing
Rescue + First	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Aid	
Clean up and	Service Provider to dispose of diesel and advise on required clean-up.
Waste disposal	
•	
Reporting and	See:
re-preparedness	 GRP-HSEQ-3-02 Incident Reporting Investigation and Action
	Management
	 Incident Notification SOP GRP-HSEQ-3-
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	v3.2.pdf • Review of PIRMP

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Incident #5	Failure of one or more sediment dams.
	 Actions Required: Contact all relevant people/department (refer to Immediate Reporting
	• Contact all relevant people/department (reler to immediate Reporting Contact Sheet)
	 Ensure bund integrity is sound throughout the entire period of incident (i.e. periodic inspections)
	Contact local neighbours if going to be in inundated by rise of water
	Area to be restricted to Incident Response Personnel
	 If any release from site onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and remediate contamination if any
	Contact local contractor to rebuild dams immediately
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency	Quarry Supervisor
Controller	Call service provider (Supervisor)
	Spill Kit manager (Supervisor)
	Periodic inspections and update reporting of site and bund (Supervisor)
Scale of incident	Catastrophic failure of one or more sediment dams are likely to result in off-site
	impacts to water courses which would predominantly reduce water quality over a short period of time. As such, impact to the environment/human health is not
	considered to be significant.
Evacuate	Only if flood potential exists. Quarry Manager and any advice provided by Fire Dept
	as part of attendance after immediate notification.
Communications	Internal:
	Quarry Manager
	Enviro Representative
	External mandatory:
	Immediate Reporting Contact Sheet to be used
Decement/	External non-mandatory: N/A As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescuer / respondent,	
safety checks	
Rescue + First	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Aid	
Clean up and	Consultants to be contacted to advise on required clean-up.
Waste disposal	
Reporting and	See:
re-preparedness	GRP-HSEQ-3-02 Incident Reporting Investigation and Action
	Management Incident Notification SOP GRP-HSEQ-3-
	 Incident Notification SOP GRP-HSEQ-3- 02Incident_Reporting_Investigation_and_Action_Management
	v3.2.pdf
	Review of PIRMP
	Review of relevant Management plan
	Reporting as per Conditions of consent
	Reporting as per EPL

Incident #6	Mobile plant, hydraulic hose or fuel tank failure.
	 Actions Required: Contact all relevant people/department (refer to Immediate Reporting Contact Sheet)
	Area to be restricted to Incident Response Personnel
	 Ensure spill kit available for any release from mobile plant & equipment Used spill kit absorbent pads to be stored in designated spill bags for
	correct disposal
	 If any release from mobile plant onto unsealed soil/surface water is investigated and remediated immediately
	Call service provider to inspect plant & equipment for serviceability
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency	Quarry Supervisor
Controller	Call service provider (Supervisor)
	Spill Kit manager (Supervisor)
	 Periodic inspections and update reporting of site and bund (Quarry Supervisor)
Scale of incident	Incident would be localised to the area with no external impact.
Evacuate	Only if fire or explosion potential exists. Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	Internal:
	Quarry Manager
	Enviro Representative
	 External mandatory: Immediate Reporting Contact Sheet to be used
	External non-mandatory: N/A
Rescuer /	As per Site Emergency Plan or Fire Department as part of Immediate
respondent,	Reporting
safety checks	
Rescue + First	As per Site Emergency Plan or Fire Department as part of Immediate
Aid	Reporting
Clean up and Waste disposal	Service Provider to dispose of diesel and advise on required clean-up.
Reporting and	See:
re-preparedness	GRP-HSEQ-3-02 Incident Reporting Investigation and Action
	Management Incident Notification SOP GRP-HSEQ-3-
	• Incident Notification SOP GRP-HSEQ-3- 02Incident_Reporting_Investigation_and_Action_Management
	v3.2.pdf
	Review of PIRMP
	Review of relevant Management plan
	 Reporting as per Conditions of consent
	Reporting as per EPL

Incident #8	Car Park/ fuel tank failure.		
	Actions Required:		
	 Contractor/Visitor to notify site representative of issue immediately. (induction) 		
	Area to be restricted to Incident Response Personnel		
	 Ensure spill kit available for any release from mobile plant 		
	 If any release from mobile plant onto unsealed soil/surface water is investigated and remediated immediately 		
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.		
Emergency	Quarry Supervisor		
Controller	Spill Kit manager (Supervisor)		
Scale of incident	Incident would be localised to the area with no external impact.		
Evacuate	Only if fire or explosion potential exists. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.		
Communications	Internal:		
	Quarry Manager		
	Enviro Representative		
	External mandatory:		
	 Immediate Reporting Contact Sheet to be used 		
	External non-mandatory: N/A		
Rescuer /	As per Site Emergency Plan or Fire Department as part of Immediate Reporting		
respondent +			
safety checks			
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting		
Clean up and Waste disposal	Service Provider to dispose of contaminate		
Reporting and	See:		
re-preparedness	 GRP-HSEQ-3-02 Incident Reporting Investigation and Action 		
	Management		
	 Incident Notification SOP GRP-HSEQ-3- 		
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	Review of PIRMP		
	Review of relevant Management plan		
	Reporting as per Conditions of consent		
	Reporting as per EPL		

Incident #9	Dust from traffic areas.		
	 Actions Required: Employees, Contractor/Visitor to notify site representative of issue immediately. (induction) 		
	Daily monitoring to be undertaken to capture whether and site		
	 conditions Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) 		
	 Dust suppression activity to commence immediately on unsealed roads & dusty areas of site 		
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.		
Emergency Controller	 Quarry Supervisor Quarry Supervisor to instruct site personnel 		
Scale of incident	Incident would be localised to the area with minimal external impact.		
Evacuate	Only if fire or potential exists. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.		
Communications	Internal:		
	Quarry Manager External mandatory:		
	Immediate Reporting Contact Sheet to be used if required External non-mandatory: N/A		
Rescuer /	As per Site Emergency Plan or Fire Department as part of Immediate Reporting		
respondent + safety checks			
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting		
Clean up and Waste disposal	N/A		
Reporting and	See:		
re-preparedness	 GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management 		
	 Incident Notification SOP GRP-HSEQ-3- 		
	02Incident_Reporting_Investigation_and_Action_Management		
	v3.2.pdf • Review of PIRMP		
	 Review of relevant Management plan 		
	 Reporting as per Conditions of consent 		
	Reporting as per EPL		

Incident ^{# 10}	Excessive smoke as a result of infrastructure or equipment fire causing significant and unexpected impact to the community Actions Required:		
	• Employees, Contractors/Visitor to notify site representative of issue immediately. (induction)		
	Emergency response plan to be activated as necessary including firefighting if possible or calling Emergency Services		
	 Area to be restricted to Incident Response Personnel Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) 		
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.		
Emergency Controller	 Quarry Manager or supervisor in Quarry Managers absence Call service provider (Quarry Manager) 		
Controller	 Periodic inspections and update reporting of site and surrounding area (Quarry Manager) 		
Scale of incident	Incident would be localised to the area with minimal external impact. Impact would be visual due to smoke		
Evacuate	Only if fire or explosion potential exists or staff exposed to smoke and health is of concern. Stay indoors. Quarry Manager and any advice provided by Fire Dept. as part of attendance after immediate notification.		
Communications	Internal: • Quarry Manager		
	 Guarry Manager Senior Environmental Business Partner and / or Environmental Business Partner 		
	External mandatory:		
	Immediate Reporting Contact Sheet to be used External non-mandatory: N/A		
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting		
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting		
Clean up and Waste disposal	Service provider to advise on any clean-up or disposal aspects		

Reporting and re- preparedness	See: • GRP-HSEQ-3-02 Incident Reporting Investigation and Action
	 Management Incident Notification SOP GRP-HSEQ-3-
	02Incident_Reporting_Investigation_and_Action_Management v3.2.pdf
	Review of PIRMP
	Review of relevant Management plan
	 Reporting as per Conditions of consent
	Reporting as per EPL

19. POLLUTION INCIDENT NOTIFICATION LOG

Person undertaking notification (Name/Function):		
Date and time when first become aware of the incident:		
Incident type:		
Comments:		

Initial immediate notification log				
Appropriate Regulatory Authority	Time of call	Respondent's name/function	Approximate call duration	Comments
EPA				
Public Health Unit				
Fire and Rescue NSW				
Local Council				
WorkCover				
Other:				
Other:				
Summary of initial communication:				
Person undertaking notification (Name/Function):				
Date and time when additional information become available:				
Comments:				

20. IMMEDIATE NOTIFICATION SHEET SUMMARY

Table 8: Internal Reporting List

Name	Function	Phone number	Mobile number
	Site Manager		
	Operations Manager		
	HS Business Partner		
	Senior Environment Business Partner – NSW/ACT		
	Environment Business Partner – NSW/ACT		

Whilst personal contact details for the following are available in the PIRMP Controlled Version they do not appear in this public document

Table 9: External Reporting List

Government Authority - compulsory notifications	Emergency notification phone number
EPA – Environment Line	131 555
Fire & Rescue NSW (FRNSW) Coonabarabran RFS	1300 729 579 (02) 6826 6300
Warrumbungle Shire Council	(02) 6849 2000
Public Health Unit – Western NSW	HealthLink (24 hr)- 1800 063 635 EHO- Dubbo- 0418 866 397 Dubbo Office - 02 6809 8979
WorkCover Authority of NSW	131050 Company ABN asked: 51 000 187 002
Government Authority - ring if relevant	Emergency notification phone number
Police & Ambulance	000

Coonabarabran Quarry – PIRMP-V5

Roads and Maritime Services (road spills)	132 701
NSW Office of Water	8838 7885
Bush Fire Control Officer	1800 049 933
Poisons Information Centre	131 126
Essential Energy (power line emergencies)	13 23 91