

# Pollution Incident Response Management Plan

# PEATS RIDGE QUARRY

Version Sixteen: 4 July 2024

# **DOCUMENT CONTROL SHEET**

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Table 1 Document control register

Current Rev.	Date Implemented	PIRMP Test Schedule	Date for Next Review	
16	4 July 2024	12 months	July 2025	

# TABLE OF CONTENTS

PAR	AT A: COMPLIANCE REQUIREMENTS, POLLUTION INVENTORIES AND RISK ASSESSMENTS	4
1.	PURPOSE	5
2.	LEGISLATIVE REQUIREMENTS	5
3.	DEFINITION OF 'POLLUTION INCIDENT'	8
4.	SCOPE	9
5.	SITE LAYOUT	10
6.	POTENTIAL POLLUTING SUBSTANCES	14
7.	ROLES AND RESPONSIBILITIES	18
8.	INTERNAL POLLUTION INCIDENT REPORTING	19
9.	EXTERNAL POLLUTION INCIDENT REPORTING	20
10.	POLLUTION INCIDENT AUTHORITY CONTACT LIST	
11.	INCIDENT RESPONSE TRAINING	
12.	PIRMP TESTING	
13.	PIRMP REVIEW	
APP	ENDIX 1.	25
PAR	T B: INCIDENT RESPONSE ACTIONS AND NOTIFICATION LOGS	
14.	PIRMP RESPONSE ACTIONS	
15.	POLLUTION INCIDENT NOTIFICATION LOG	38
16.	IMMEDIATE NOTIFICATION SHEET SUMMARY	40
	ole of Figure	
	re 1 - Peats Ridge Quarry Location Map	
	ire 2 – Peats Ridge Quarry Reference Map	
	ire 3 - Peats Ridge Quarry – Overview Map of Affected Areas	
Figu	re 4 - Peats Ridge Quarry – Map of Affected Neighbours & Contacts	13
Tal	ole of Tables	
Tui	ore of Tubics	
Tah	le 1 - Document control register	2
	le 2 - Summary of Legislative Requirements of a PIRMP	
	le 3 – Potential Pollutants	
	le 4 – Roles and Responsibilities	
	le 5 – Internal Contacts List	
	le 6 - External Authorities Contact List	
	le 7 - PIRMP Drills Undertaken at Peats Ridge Quarry	
	le 8 - Internal Reporting List	
	le 9 - External Reporting List	

# PART A: COMPLIANCE REQUIREMENTS, POLLUTION INVENTORIES AND RISK ASSESSMENTS



#### 1. PURPOSE

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

- Provide direction to the staff at Peats Ridge Quarry in responding to pollution incidents at the Peats Ridge 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 Gosford City 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 Peats Ridge 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.
- A hard copy of the PIRMP is to be kept on the site environmental board in the Peats Ridge
  Quarry Main Office. A soft copy of the PIRMP and EPL 2068 is made available online
  https://www.boral.com.au/our-commitment/environmental-reporting

# 2. 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
	Part 5.7A POEO Act 1997	
147	(1) For the purposes of this Part—	Section 3
	(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.	
153A	The holder of an environment protection licence must	EPL 2062 and this
	prepare a pollution incident response management plan that	document
	complies with this Part in relation to the activity to which the	
	licence relates.	
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	Section 8 and 9
	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	Section 6
	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	Section 7, 8, 9, 10 and
	which the environment protection licence or the direction	14
	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	Section 7, 8, 9, 10 and
	5.7,	14
	(b) a detailed description of the action to be taken,	Section 15
	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	Section 7, 8, 9, 10 and
	authorities or persons that have been notified, any action	13
	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 9, 14
	, , ,	
153D	A person who is required to prepare a pollution incident	Section 1
	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 relevant activity	

		T
	takes place, and is made available in accordance with the regulations.	
153E	A person who is required to prepare a pollution incident	Section 11,12
	response management plan under this Part must ensure that	·
	it is tested in accordance with the regulations	
153F	If a pollution incident occurs in the course of an activity so	Section 4, Section 14
	that material harm to the environment (within the meaning	
	of section 147) is caused or threatened, the person carrying	
	on the activity must immediately implement any pollution	
	incident response management plan in relation to the	
	activity required by this Part	
Part 3	BA POEO(G) Regulation 2009 Pollution Incident Response Manage note: See also 153C (a)-(c) of the POEO Act 1997	ement Plans
98C(1) (a)	A description of the hazards to human health or the	Section 6, Appendix 1
300(1) (0)	environment associated with the activity to which the licence	Section 6, Appendix 1
	relates,	
98C(1) (b)	The likelihood of any such hazards occurring, including	Appendix 1
	details of any conditions or events that could, or would,	
	increase that likelihood,	
98C(1) (c)	Details of the pre-emptive action to be taken to minimise or	Section 9, Appendix 1,
	prevent any risk of harm to human health or the	Section 14
	environment arising out of the relevant activity	
98C(1) (d)	An inventory of potential pollutants on the premises or used	Section 6
	in carrying out the relevant activity	
98C(1) (f)	A description of the safety equipment or other devices that	Section 6, Appendix 1
	are used to minimise the risks to human health or the	
	environment and to contain or control a pollution incident,	
98C(1) (g)	the names, positions and 24-hour contact details of those	Section 8 16
	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	
	pollution incident,	
	poliution incluent,	
98C(1) (h)	the contact details of each relevant authority referred to in	Section 9, 16
	section 148 of the Act,	
98C(1) (i)	Details of the mechanisms for providing early warnings and	Section 10
	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	
98C(1) (j)	The arrangements for minimising the risk of harm to any	Section 9, Appendix 1
	persons who are on the premises or who are present where	
	the scheduled activity is being carried on	
98C(1) (k)	A detailed map (or set of maps) showing the location of the	Section 5
	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	
09C(1) (I)	location of any stormwater drains on the premises	Costion O Amendia 4
98C(1) (I)	A detailed description of how any identified risk of harm to	Section 9, Appendix 1
	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,	
	enaction,	l

98C(1) (m)	The nature and objectives of any staff training program in	Section 11
	relation to the plan	
98C(1) (n)	The dates on which the plan has been tested and the name	Table 7
	of the person who carried out the test,	
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 11, 12, 13

#### 3. 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.

Peats Ridge Quarry is now required to report non-trivial pollution incidents that meet the above definition immediately to the EPA, NSW Health, Fire and Rescue NSW, WorkCover NSW and the local council.

### 4. SCOPE

This PIRMP must be followed by employees, contractors and visitors of Peats Ridge Quarry, to assist in the early response to and reporting of a pollution incident.

# 5. SITE LAYOUT

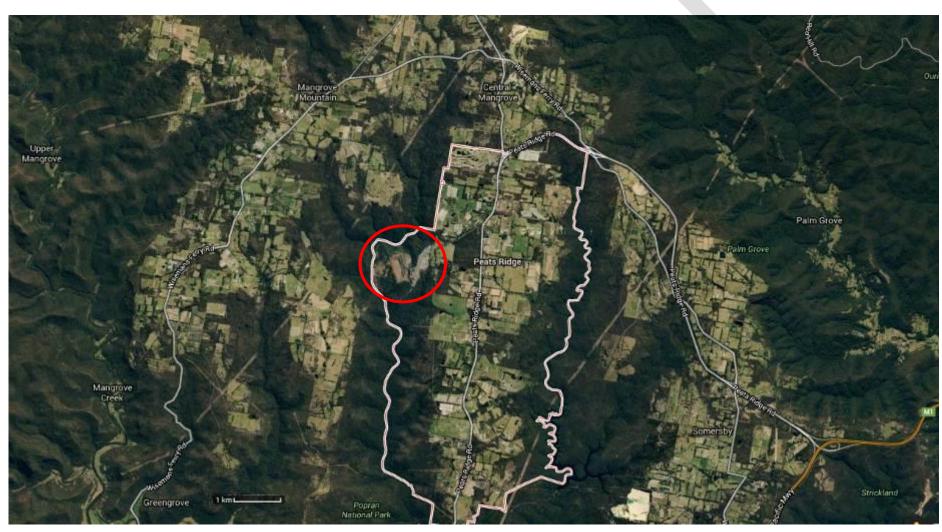


Figure 1 - Peats Ridge Quarry Location Map

Figure 2 – Peats Ridge Quarry Reference Map



Figure 3 - Peats Ridge Quarry – Overview Map of Affected Areas

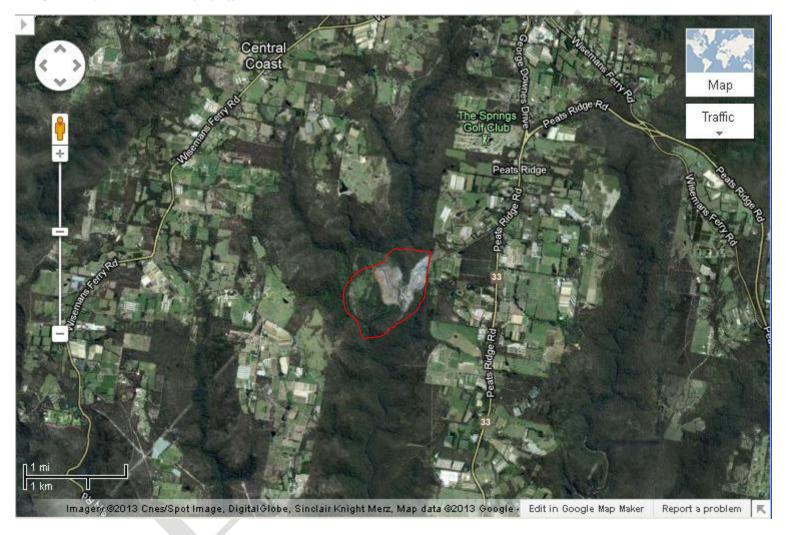
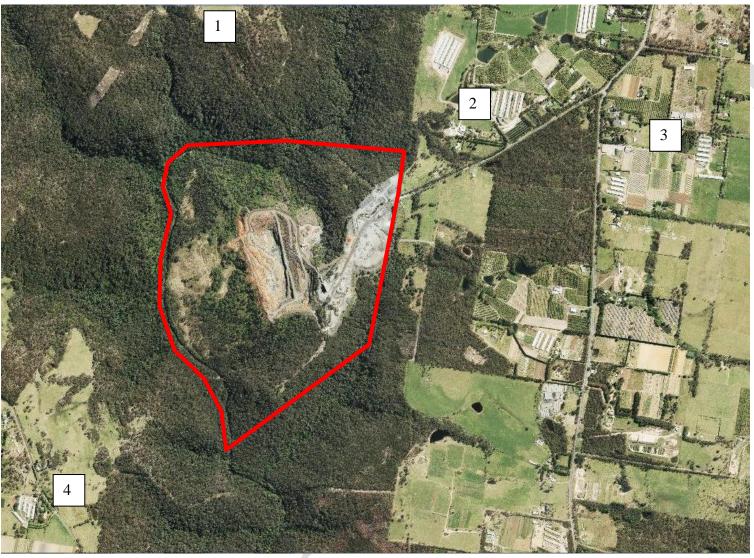


Figure 4 - Peats Ridge Quarry – Map of Affected Neighbours & Contacts



- 55 Goolara Rd, Mangrove Mountain
- 2. 60 Bushells Rd, Peats Ridge
- 3. Peats Ridge Primary School 1231 Peats Ridge Rd, Peats Ridge
- 4. 26 Hershon Rd, Mangrove Mountain

#### 6. 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 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

LIST OF POLLUTI	NG SUBSTANCE STORA	GES/USES AT	SITE: INITIAL A	SSESSMENT			
(all Chemicals lis	sted in this sheet are to	be subjected	to a risk assess	ment)			
Site Name:						Responsible Person:	Date:
Peats Ridge Quar	rry					Site Manager	14/06/2024
Name /	Covered under	Amount	Location of	Мар	Need for	<b>Current controls</b>	See Risk Ass &
description	Haz	stored	storage	reference	early		PIRMP Response
	Chemicals/MSDS?				warning <sup>1</sup>		Action (see Below)
CHEMICALS/FUE	ELS/LUBRICANTS (raw n	naterials and	products which	can cause po	llution)		
Diesel	Class 3	52000 ltrs	Diesel	Ref No #1	N/A	<ul> <li>Bunding</li> </ul>	Incident #1-3
			Storage Area			• PMP	
						<ul> <li>Training</li> </ul>	
						Spill Kits	
						• SOP	
						<ul> <li>Inductions</li> </ul>	
						<ul> <li>Fire Fighting</li> </ul>	
						Equipment	
						<ul><li>Security</li></ul>	
Oils/Solvents	Class 3	Packaged	Oil Storage	Ref No #2	N/A	Bunding	Incident #4
		goods up	Shed at	h		• PMP	
		to 8000	Workshop			<ul> <li>Training</li> </ul>	
		Itrs				Flammable	
		Waste Oil				Cabinet	
		Tank				Spill Kits	
		(Above				<ul> <li>Inductions</li> </ul>	
		Ground)				Fire Fighting	
		2000 ltrs				Equipment	
						<ul> <li>Security</li> </ul>	

-

<sup>&</sup>lt;sup>1</sup> 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.

Lubricants, Gases	Class 2	Variable	Maintenance Workshop	Ref No *2	N/A	<ul> <li>Fire Extinguishers</li> <li>Concrete Floor</li> <li>Enclosed Shed</li> <li>Containment Cages and Cabinets</li> </ul>	Incident #4
Oils/Fuel	Class 3	Variable	Plant and Equipment (Workshop area)	Ref No #2	N/A	<ul> <li>PMP</li> <li>Training</li> <li>Spill Kits</li> <li>SOP</li> <li>Inductions</li> <li>Fire Fighting Equipment</li> <li>Security</li> </ul>	Incident #4
MATERIALS (e.g., s	tockpiles, silos, bulk						
Aggregate Stockpiles	N/A	Variable	Dedicated on site	Ref No #8 & #9	N/A	<ul> <li>Water sprays</li> <li>Water Cart</li> <li>Maintain manageable levels</li> <li>Security</li> </ul>	Incident #5
	ms, wastewater tan	ks, other wate	r storage area)				
Water Storage Dam (Sediment)	N/A	Variable		Ref No <sup>#</sup> 6	N/A	<ul> <li>Continue to use for dust suppression</li> <li>Ensure pumps are maintained through scheduled maintenance</li> <li>Discharge monitoring</li> </ul>	Incident #6
Storm Water Drains	N/A	Variable	Site	N/A	N/A	Straw Bales	Incident <sup>#</sup> 6

						<ul> <li>Rubber and         <ul> <li>Earthen Berms</li> </ul> </li> <li>Audits and         <ul> <li>Inspections</li> </ul> </li> </ul>	
Name /	Covered under	S which could Amount	Location of	m operationa Map	Need for	eatment plants, vehicles etc.  Current controls	See Risk Ass &
description	Haz Chemicals/MSDS?	stored	storage	reference	early warning <sup>2</sup>	current controls	PIRMP Response Action (see Below)
Mobile Plant (onsite) BORAL	Class 3	Up to 10 MP on site	Dedicated on site	N/A	N/A	<ul><li>Spill Kits</li><li>Pre start checks</li><li>PMP</li><li>Training</li></ul>	Incident #7
Mobile Plant Contractor/visitor	Class 3	Variable	Variable Locations	N/A	N/A	<ul><li>Spill Kits</li><li>Training</li><li>Inductions</li></ul>	Incident #8
Car Parking up to 20 vehicles	Class 3	Variable	Site Office	Ref No #4	N/A	<ul><li>Spill Kits</li><li>Training</li></ul>	Incident #9
Traffic Areas (dust, chem. leaks & loss	Class 3	N/A	Dedicated on site	N/A	N/A	<ul><li>Training</li><li>Water cart</li><li>Spill Kits</li></ul>	Incident #10

<sup>&</sup>lt;sup>2</sup> 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.

# 7. ROLES AND RESPONSIBILITIES

Table 4 – 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 Line Supervisors	Following the procedures outlined in the PIRMP and related documents
	Immediately alerting Site/Quarry Manager or, in case of their unavailability, Environmental Representative or Environment Manager of any potentially material environmental incidents or near-misses.  Conducting incident investigations.
Site / Operations Manager and/or Site Environmental	Authorisation of the PIRMP Administration, maintenance and implementation of the PIRMP
Coordinator and/or Environment Manager	Assessing whether the incident is non-trivial and has caused or threatens "material environmental harm" and, if so, immediately notifying all Appropriate Regulatory Authorities. Ensuring that investigations are undertaken to a level corresponding to the level of risk and impact.
HSE Regional Manager and/or Regional Environment	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

#### 8. 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 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:

- 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**:

Table 5 – Internal Contacts List

Name	Function	Phone number	Mobile number
Angus Shedden	Operations Manager NSW Metro Quarries		
lan Downing	Peats Ridge Quarry Supervisor		
Matthew Rule	Health & Safety Business Partner		
Greg Johnson	Senior Environmental Business Partner		
Lauren Sibigtroth	Environmental Business Partner		

4. The quarry manager, or in case of his unavailability one of the Senior Management personnel listed above, is to **immediately** notify all Appropriate Regulatory Authorities specified in Section 9.

- 5. 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.
- 6. 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 James Collings and Jenny Miller.

# 9. EXTERNAL POLLUTION INCIDENT REPORTING

As the legislation requires that notification must be made 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 was 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 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 must prepare a Notification Log (a suitable form is attached) 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.

# 10. POLLUTION INCIDENT AUTHORITY CONTACT LIST

Table 6 External Authorities Contact List

Government Authority - compulsory notifications	Emergency notification phone number
EPA – Environment Line	131 555
Fire & Rescue NSW (FRNSW)	1300 729 579
Gosford City Council – 24Hr Emergency Number	4325 8222
Public Health Unit (Gosford) – Sydney West AHS	HealthLink (24 hr): 0 - 1800 063 635 Head Office - Gosford: 0 - (02) 4349 4845
WorkCover Authority of NSW	131050 Company ABN if asked: 51 000 756 507
Government Authority - ring if relevant	Emergency notification phone number
NSW 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
Ausgrid (Electricity Network)	131 388

Communication with the local community may also be undertaken depending on the circumstances of the pollution incident. Peats Ridge 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.

# 11. INCIDENT RESPONSE TRAINING

Peats Ridge 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. The nature and objectives of staff training is to relate to site personnel the importance of early notification of any incidents and spills to site supervisors and key personnel.

Training or information will be provided on the following;

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

Site inductions for visitors and subcontractors also advise individuals to report any environmental incidents or spills to site supervisors and key personnel immediately. Key site personnel and

supervisors participate in PIRMP Tests which are used as practical training and can also be used to identify any potential gaps or areas for improvement for the PIRMP. A summary of the PIRMP Drills undertaken at Beryl Quarry is shown below in Table 7.

Table 7 - PIRMP Drills Undertaken at Peats Ridge Quarry

Test Date	Version tested	Incident Drilled	Drill Team Lead
10/06/2021	11	Desktop review of document	Shoanne Labowitch
11/4/2022	13	Desk top Drill Spill from IBC	Geoff Stephens
28/06/2023	14	Desktop drill	Ian Downing
31/05/2024	14	Desktop Drill	Ian Downing

A sign-off sheet is kept of the personnel present for the undertaking of a PIRMP Drill and a record is kept on when and how the PIRMP is communicated to employees. This information forms a section of the PIRMP Drill document. For more information regarding each of the PIRMP Drills, refer to the specific drill document.

#### 12. PIRMP TESTING

Plans must be tested routinely at least once every 12 months. The testing is to be carried out in such a manner as to ensure that the information included in the plan is accurate and up to date, and that each plan is capable of being implemented in a workable and effective manner.

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 PIRMP will be conducted annually, and can be completed through the following methods:

- Simulated environmental emergency; or
- Desktop simulations.

#### 13. 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

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

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

### APPENDIX 1.

# RISK ASSESSMENT on POTENTIAL IMPACTS

		Hazard	and Lik	celiho	od Risk Ass	sessment and Corrective Control Measures		
Site:				Res	ponsible P	Person: Review Date:	Review Date:	
Peats Ridg	ge Quarry			Qua	Quarry Manager/Supervisor 4 July 2024			
Name / ref of pollutant/ chemicals	Description of Hazard / Incident leading to hazard	Conseq uence	Likely hood	Risk	Impact on neighbours <sup>3</sup>	Control Measures Corrective Action Coverage under other Plans	Responsible person	Action date
Diesel	Incident #1 Catastrophic failure of one/both above ground tanks	1	1	L1	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): Due to location within bund, 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.	1	3	M3	N/A	Consequence: (Minor): Failure resulting in loss/leakage from fuelling or refuelling from hose, nozzle or plant/equipment would be captured by a secondary bund or spill kill with minimal release to soil.  Likelihood: (Likely): Due to location within the bund an incident while refuelling 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
	Incident #3 Loss of fuel within bunded area with	1	1	L1	N/A	Consequence: (Minor): Failure resulting in loss of all or substantial volume of tanks would be captured entirely by primary bund with minimal release to soil.	As per PIRMP action plan	When required

<sup>&</sup>lt;sup>3</sup> If the incident may impact on neighbours then it will need to trigger the early warnings assessment and actions

Oils/Solvents	leaking or open drain valve  Incident #4 Loss of oils solvents	1	1	L1	N/A	Likelihood: (Unlikely): Drain valve, hoses and refuelling equipment are maintained in good structural integrity with low risk of failure The drain valve is locked at all times.  Consequence: (Minor): Failure resulting in loss of oils/solvents from packaged goods would be captured entirely by existing primary bund with no release to	As per PIRMP	When required
	inside bund during delivery and or use					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 equipment are maintained in good structural integrity with low risk of failure.	action plan	
Aggregate stockpiles	Incident #5. Excessive airbourne dust from stockpiled material	1	1	L2	Υ	Consequence: (Minor): 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 #6 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	L2	N/A	Consequence: (moderate): 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.  Risk Assessment = Moderate Vs Unlikely = L (2)  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 #7 Mobile plant, hydraulic hose or fuel tank failure	1	2	L2	N	Consequence: (minor): 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/	Incident #8	1	2	L2	N	Consequence: (minor): Failure from fuel tank or hydraulic hoses would be	As per	When
Contractor,	Mobile plant,					maintain to a small, localised area on site.	PIRMP	required
Visitor	hydraulic hose or						action plan	
	fuel tank failure					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.		
Car Park	Incident #9	1	1	L1	N	Consequence: (minor): Failure from fuel tank or hydraulic hoses would be	As per	When
	Ruptured fuel tank					maintain to a small, localised area on site.	PIRMP	required
							action plan	
						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		

# PART B: INCIDENT RESPONSE ACTIONS AND NOTIFICATION LOGS



# 14. PIRMP RESPONSE ACTIONS

Incident #1	Catastrophic failure of one diesel tank
	Actions Required:
	<ul> <li>Contact all relevant people/department (refer to Immediate Reporting Contact Sheet)</li> </ul>
	Ensure bunds are capturing full volume of diesel
	<ul> <li>Ensure bund integrity is sound throughout the entire period of incident (i.e., periodic inspections)</li> </ul>
	<ul> <li>Contact service provider (Ampol No. 1800719669 or Transpacific 02 96007185) to pump-out bund contents</li> </ul>
	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 Controller	Quarry Manager
	Call service provider (lan Downing)
	Spill Kit manager (Supervisor)
	Periodic inspections and update reporting of site and bund (Ian Downing)
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
	Environmental Manager NSW / ACT and Local Work Health and Safety 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 dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management
	GRP-HSEQ-8-07 Spill Management

Incident #2	Loss of Fuel due to filling and refueling from one diesel tank
incident 2	Actions Required:
	Contact all relevant people/department (refer to Immediate Reporting Contact Sheet)
	Ensure bunds are capturing full volume of diesel
	<ul> <li>Ensure bunds are capturing full volume of diesel</li> <li>Ensure bund integrity is sound throughout the entire period of incident (i.e., periodic inspections)</li> </ul>
	Contact service provider (Ampol No. 1800719669 or Transpacific 02 96007185) to pump-out bund contents
	Area to be restricted to Incident Response Personnel     Fragge spill kit available for any valence from bund
	Ensure spill kit available for any release from bund  The same land a standard and a standard for a surface f
	<ul> <li>If any release from bund onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and remediate contamination.</li> </ul>
	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.
<b>Emergency Controller</b>	Quarry Manager
	Call service provider (Ian Downing)
	Spill Kit manager (Supervisor)
	Periodic inspections and update reporting of site and bund (Ian Downing)
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
	Environmental Manager NSW / ACT and Local Work Health and Safety 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 dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management
	GRP-HSEQ-8-07 Spill Management

Incident #3	Failure of drain valve on bund. Actions Required:
	<ul> <li>Contact all relevant people/department (refer to Immediate Reporting Contact Sheet)</li> <li>Ensure bunds are capturing full volume of diesel</li> <li>Ensure bund integrity is sound throughout the entire period of incident (i.e., periodic inspections)</li> </ul>
	Contact service provider (Ampol No. 1800719669 or Transpacific 02 96007185) to pump-out bund contents
	Area to be restricted to Incident Response Personnel
	<ul> <li>Ensure spill kit available for any release from bund</li> <li>If any release from bund onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and remediate contamination.</li> </ul>
	Repair/replace tanks
	Refuel tanks    Second by a difference in a considerability
Alarm raising	Inspect bund for ongoing serviceability  Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	Quarry Manager
Emergency Controller	Call service provider (lan Downing)
	Spill Kit manager (Supervisor)
	<ul> <li>Periodic inspections and update reporting of site and bund (Ian Downing)</li> </ul>
Scale of incident	Incident would be restricted to chemical 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
	Environmental Manager NSW / ACT and Local Work Health and Safety 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 dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management GRP-HSEQ-8-07 Spill Management

Actions Required:  • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet)  • 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 (Ampol No. 18007196690 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 and PIRMP actions to be implemented.  Emergency Controller  • Quarry Manager  • Call service provider (Ian Downing)  • Spill Kit manager (Supervisor)  • Periodic inspections and update reporting of site and bund (Ian Downing)  • Periodic inspections and update reporting of site and bund (Ian Downing)  Scale of incident  Incident would be restricted to chemical 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.  Internal: Quarry Manager  • Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner  External mandatory:  • Immediate Reporting Contact Sheet to be used  External non-mandatory: N/A  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Clean up and Waste disposal		
Contact all relevant people/department (refer to Immediate Reporting Contact Sheet)  Ensure bunds are capturing full volume of oil/solvents  Ensure bunds are capturing the entire period of incident (i.e., periodic inspections)  Contact service provider (Ampol No. 1800719669or 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 and PIRMP actions to be implemented.  Call service provider (lan Downing)  Spill Kit manager (Supervisor)  Periodic inspections and update reporting of site and bund (lan Downing)  Call service provider do chemical 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.  Communications  Internal: Quarry Manager  Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner  External mandatory:  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  Service Provider to dispose of diesel and advise on required clean-up.  Reporting and re-preparedness  Sevice Provider to dispose of diesel and advise on required clean-up.  See: GRP-HisSeQ-3-02 Incident Reporting Investigation and Action Management	Incident #4	
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 (Ampol No. 18007196690r 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 and PIRMP actions to be implemented.  Emergency Controller     Ouarry Manager     Call service provider (Ian Downing)     Spill Kit manager (Supervisor)     Periodic inspections and update reporting of site and bund (Ian Downing)  Scale of incident     Incident would be restricted to chemical 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.  Internal: Quarry Manager     Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner External mandatory:     Immediate Reporting Contact Sheet to be used 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  Clean up and Waste disposal  Service Provider to dispose of diesel and advise on required clean-up.  Reporting and re-preparedness  See: GRP-HSEQ-3-02 incident Reporting Investigation and Action Management		·
Ensure bund integrity is sound throughout the entire period of incident (i.e., periodic inspections)     Contact service provider (Ampol No. 1800/196590 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 and PIRMP actions to be implemented.  Emergency Controller     Outery Manager     Call service provider (Ian Downing)     Spill Kit manager (Supervisor)     Periodic inspections and update reporting of site and bund (Ian Downing)  Scale of incident     Incident would be restricted to chemical 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.  Confliction:     Internal: Quarry Manager     Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner     External mandatory:     Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner     External mon-mandatory: N/A  Rescuer / respondent + safety checks     As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Rescuer + First Aid     As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Reporting and re-preparedness      See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		
Contact service provider (Ampol No. 1800719669or 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 and PIRMP actions to be implemented.  Emergency Controller  Quarry Manager Call service provider (Ian Downing) Spill kit manager (Supervisor) Periodic inspections and update reporting of site and bund (Ian Downing) Incident would be restricted to chemical 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 Environmental Manager NSW / ACT and Local Work Health and Safety 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 Service Provider to dispose of diesel and advise or required clean-up.  Reporting and re-preparedness See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		
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 and PIRMP actions to be implemented.  Emergency Controller     Quarry Manager     Call service provider (lan Downing)     Spill Kit manager (Supervisor)     Periodic inspections and update reporting of site and bund (lan Downing)     Incident would be restricted to Chemical 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.  Communications     Internal: Quarry Manager     Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner     External mandatory:     Immediate Reporting Contact Sheet to be used     External mon-mandatory: N/A  Rescuer / respondent + safety checks  Rescuer / respondent + safety checks  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Clean up and Waste disposal  Service Provider to dispose of diesel and advise on required clean-up.  Reporting and re-preparedness  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		<ul> <li>Ensure bund integrity is sound throughout the entire period of incident (i.e., periodic inspections)</li> </ul>
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 and PIRMP actions to be implemented.      Call service provider (lan Downing)     Spill Kit manager (Supervisor)     Periodic inspections and update reporting of site and bund (lan Downing)  Incident would be restricted to chemical 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     Environmental Manager NSW / ACT and Local Work Health and Safety 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     As per Site Emergency Plan or Fire Department as part of Immediate Reporting Clean up and Waste disposal     Service Provider to dispose of diseal and advise on required clean-up.  Reporting and re-preparedness     See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		<ul> <li>Contact service provider (Ampol No. 1800719669or Transpacific 02 96007185) to pump-out bund contents</li> </ul>
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 and PIRMP actions to be implemented.  Quarry Manager Call service provider (Ian Downing) Spill Kit manager (Supervisor) Periodic inspections and update reporting of site and bund (Ian Downing) Incident would be restricted to chemical 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.  Conly if fire or explosion potential exists. Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate notification.  Internal: Quarry Manager External Manager NSW / ACT and Local Work Health and Safety Business Partner External mandatory: Immediate Reporting Contact Sheet to be used External non-mandatory: N/A  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Rescue + First Aid Service Provider to dispose of diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		Area to be restricted to Incident Response Personnel
remediate contamination. Inspect bund for ongoing serviceability  Alarm raising  Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.  Puarry Manager Call service provider (lan Downing) Spill Kit manager (Supervisor) Periodic inspections and update reporting of site and bund (lan Downing) Incident would be restricted to chemical 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.  Communications  Internal: Quarry Manager External mandatory: Internal: Quarry Manager NSW / ACT and Local Work Health and Safety Business Partner External mandatory: Immediate Reporting Contact Sheet to be used External non-mandatory: N/A  Rescuer / 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 diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		Ensure spill kit available for any release from bund
Inspect bund for ongoing serviceability  Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.      Quarry Manager     Call service provider (Ian Downing)     Spill Kit manager (Supervisor)     Periodic inspections and update reporting of site and bund (Ian Downing)  Scale of incident  Incident would be restricted to chemical 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     Environmental Manager NSW / ACT and Local Work Health and Safety 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  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Clean up and Waste disposal  Service Provider to dispose of diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		If any release from bund onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and
Alarm raising  Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.  • Quarry Manager • Call service provider (Ian Downing) • Spill Kit manager (Supervisor) • Periodic inspections and update reporting of site and bund (Ian Downing)  Scale of incident  Incident would be restricted to chemical 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.  Internal: Quarry Manager • Environmental Manager NSW / ACT and Local Work Health and Safety 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  Clean up and Waste disposal  Service Provider to dispose of diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		remediate contamination.
Emergency Controller  Ouarry Manager Call service provider (Ian Downing) Spill Kit manager (Supervisor) Periodic inspections and update reporting of site and bund (Ian Downing) Incident would be restricted to chemical 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.  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 Inmediate Reporting Contact Sheet to be used External mandatory: Inmediate 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 Clean up and Waste disposal Service Provider to dispose of diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		Inspect bund for ongoing serviceability
Call service provider (lan Downing) Spill Kit manager (Supervisor) Periodic inspections and update reporting of site and bund (lan Downing) Incident would be restricted to chemical 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.  Conly if fire or explosion potential exists. Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate notification.  Internal: Quarry Manager External mandatory: Immediate Reporting Contact Sheet to be used 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 Clean up and Waste disposal Service Provider to dispose of diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management	Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Spill Kit manager (Supervisor) Periodic inspections and update reporting of site and bund (Ian Downing)  Scale of incident Incident would be restricted to chemical 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.  Only if fire or explosion potential exists, Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate notification.  Internal: Quarry Manager Provionmental Manager NSW / ACT and Local Work Health and Safety Business Partner External mandatory: Immediate Reporting Contact Sheet to be used External non-mandatory: N/A  Rescuer / 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 diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management	<b>Emergency Controller</b>	Quarry Manager
Periodic inspections and update reporting of site and bund (Ian Downing)  Incident would be restricted to chemical 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.  Only if fire or explosion potential exists, Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate notification.  Internal: Quarry Manager  Environmental Manager NSW / ACT and Local Work Health and Safety 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  Service Provider to dispose of diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		Call service provider (Ian Downing)
Incident would be restricted to chemical 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.  Only if fire or explosion potential exists. Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate notification.  Internal: Quarry Manager  • Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner  External mandatory:  • Immediate Reporting Contact Sheet to be used  External non-mandatory: N/A  Rescuer / respondent + safety checks  Rescue + First Aid  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Clean up and Waste disposal  Reporting and re-preparedness  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		Spill Kit manager (Supervisor)
may result in soil and surface water contamination that will require specialist investigation/remediation.  Communications  Internal: Quarry Manager  • Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner  External mandatory:  • Immediate Reporting Contact Sheet to be used  External non-mandatory: N/A  Rescuer / respondent + safety checks  Rescue + First Aid  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Service Provider to dispose of diesel and advise on required clean-up.  Reporting and re-preparedness  may result in soil and surface water contamination that will require specialist investigation/remediation.  Only if fire or explosion potential exists. Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate Reporting  External: Quarry Manager  • Environmental Anager NSW / ACT and Local Work Health and Safety Business Partner  External mandatory:  • Immediate Reporting  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Clean up and Waste disposal  Service Provider to dispose of diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		<ul> <li>Periodic inspections and update reporting of site and bund (Ian Downing)</li> </ul>
Communications  Internal: Quarry Manager  External mandatory:  Immediate Reporting Contact Sheet to be used  External non-mandatory: N/A  Rescuer / respondent + safety checks  Rescue + First Aid  Clean up and Waste disposal  Reporting and re-preparedness  Only if fire or explosion potential exists. Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate notification.  Only if fire or explosion potential exists. Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate mediate immediate after immediate provided by Fire Dept as part of attendance after immediate immediate provided by Fire Dept as part of attendance after immediate immediate immediate provided by Fire Dept as part of attendance after immediate immediate provided by Fire Dept as part of attendance after immediate immediate immediate provided by Fire Dept as part of attendance after immediate immediate immediate immediate provided by Fire Dept as part of attendance after immediate immediate immediate immediate immediate provided by Fire Dept as part of attendance after immediate imm	Scale of incident	Incident would be restricted to chemical storage area with minimal external impact. However, potential for bund overflow or failure
notification.  Communications  Internal: Quarry Manager  Environmental Manager NSW / ACT and Local Work Health and Safety 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 dispose of diesel and advise on required clean-up.  Reporting and re-preparedness  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		may result in soil and surface water contamination that will require specialist investigation/remediation.
Communications  Internal: Quarry Manager  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  Clean up and Waste disposal  Reporting and re-preparedness  Internal: Quarry Manager  Immediate New / ACT and Local Work Health and Safety Business Partner  External mandatory:  N/A  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Service Provider to dispose of diesel and advise on required clean-up.  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management	Evacuate	Only if fire or explosion potential exists. Quarry Manager and any advice provided by Fire Dept as part of attendance after immediate
<ul> <li>Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner</li> <li>External mandatory:         <ul> <li>Immediate Reporting Contact Sheet to be used</li> <li>External non-mandatory: N/A</li> </ul> </li> <li>Rescuer / respondent + safety checks         <ul> <li>As per Site Emergency Plan or Fire Department as part of Immediate Reporting</li> </ul> </li> <li>Rescue + First Aid         <ul> <li>As per Site Emergency Plan or Fire Department as part of Immediate Reporting</li> </ul> </li> <li>Clean up and Waste disposal         <ul> <li>Service Provider to dispose of diesel and advise on required clean-up.</li> </ul> </li> <li>Reporting and re-preparedness</li> <li>See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management</li> </ul>		notification.
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 dispose of diesel and advise on required clean-up.  Reporting and re-preparedness See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management	Communications	Internal: Quarry Manager
• Immediate Reporting Contact Sheet to be used  External non-mandatory: N/A  Rescuer / respondent + safety checks		Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner
External non-mandatory: N/A  Rescuer / respondent + safety checks		External mandatory:
Rescuer / respondent + safety checks  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  As per Site Emergency Plan or Fire Department as part of Immediate Reporting  Clean up and Waste disposal  Service Provider to dispose of diesel and advise on required clean-up.  Reporting and re-preparedness  See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		Immediate Reporting Contact Sheet to be used
Rescue + First AidAs per Site Emergency Plan or Fire Department as part of Immediate ReportingClean up and Waste disposalService Provider to dispose of diesel and advise on required clean-up.Reporting and re-preparednessSee: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		External non-mandatory: N/A
Clean up and Waste disposal       Service Provider to dispose of diesel and advise on required clean-up.         Reporting and re-preparedness       See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management	Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Reporting and re-preparedness See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management	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 diesel and advise on required clean-up.
GRP-HSEQ-8-07 Spill Management	Reporting and re-preparedness	See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management
		GRP-HSEQ-8-07 Spill Management

Incident #5	Excessive airbourne 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 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 and PIRMP actions to be implemented.
Emergency Controller	<ul> <li>Quarry Manager</li> <li>Call service provider (Ian Downing)</li> <li>Spill Kit manager (Supervisor)</li> <li>Periodic inspections and update reporting of site and bund (Ian Downing)</li> </ul>
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:
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 dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management GRP-HSEQ-8-06 Air Management

Incident #6	Failure of one or more sediment dams. Actions Required:
	Contact all relevant people/department (refer 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 Controller	Quarry Manager
	Call service provider (Ian Downing)
	Spill Kit manager (Supervisor)
	Periodic inspections and update reporting of site and bund (Ian Downing)
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
	Environmental Manager NSW / ACT and Local Work Health and Safety 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  As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Consultants to be contacted to advise on required clean-up.
	See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management
Reporting and re-preparedness	GRP-HSEQ-8-02 Water Management
	ON TIBECTO OF Water Ividiagenicit

Incident #7	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
	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.
<b>Emergency Controller</b>	Quarry Manager
	Call service provider (Ian Downing)
	Spill Kit manager (Supervisor)
	Periodic inspections and update reporting of site and bund (Ian Downing)
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
	Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner
	External mandatory:
	Immediate Reporting Contact Sheet to be used  Future I non-mondatory N/A
Descript / respondent Leefaty shocks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescuer / 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 diesel and advise on required clean-up.
Reporting and re-preparedness	See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management GRP-HSEQ-8-07 Spill Management

Incident #8	Mobile plant, hydraulic hose or fuel tank failure from contractors / visitors.		
	Actions Required:		
	Contractor/Visitor to notify site representative of issue immediately. (induction)		
	Contact all relevant people/department (refer to Immediate Reporting Contact Sheet)  And to be restricted to be identificant Programmed.		
Area to be restricted to Incident Response Personnel     Figure spill kit available for any release from mobile plant 8 occurrence.			
Ensure spill kit available for any release from mobile plant & equipment  If any places from mobile plant & equipment  Output  Description of the plant and place the plant and plant			
	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 Controller	Quarry Manager		
	Call service provider (Ian Downing)		
	Spill Kit manager (Supervisor)		
	Periodic inspections and update reporting of site and bund (Ian Downing)		
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		
	Environmental Manager NSW / ACT and Local Work Health and Safety 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 dispose of contaminates.		
Reporting and re-preparedness	See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management		
	GRP-HSEQ-8-07 Spill Management		

Incident #9	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	
	<ul> <li>If any release from mobile plant onto unsealed soil/surface water is investigated and remediated immediately</li> </ul>	
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.	
Aldilii idisilig	Any personner involved of withessing incident to report to infinediate supervisor and rinter actions to be implemented.	
Emergency Controller	Quarry Manager	
	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	
	<ul> <li>Environmental Manager NSW / ACT and Local Work Health and Safety Business Partner</li> </ul>	
	External mandatory:	
	Immediate Reporting Contact Sheet to be used	
	External non-mandatory: N/A	
Rescuer / 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 re-preparedness	See: GRP-HSEQ-3-02 Incident Reporting Investigation and Action Management GRP-HSEQ-8-07 Spill Management	

# 15. POLLUTION INCIDENT NOTIFICATION LOG

Person undertaking (Name/Function):	notification			
Date and time wher incident:	າ first become av	ware of the		
Incident type:				
Comments:				
Initial immediate no	otification 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:	,1			
Summary of initial communication:				

Person undertaking	notification (Na	me/Function):		
Date and time when become available:	additional info	rmation		
Comments:				
Immediate notificat	ion of further p	ertinent informa	tion (if applicable)	
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 additional communication				

# 16. IMMEDIATE NOTIFICATION SHEET SUMMARY

Table 8 - Internal Reporting List

Name	Function	Phone number	Mobile number
Angus Shedden	Operations Manager NSW Metro Quarries		
lan Downing	Peats Ridge Quarry Supervisor	A	
Matthew Rule	Health & Safety Business Partner		
Greg Johnson	Senior Environmental Business Partner	9	<b>)</b> /
Lauren Sibigtroth	Environmental Business Partner		

Table 9 - External Reporting List

Government Authority - compulsory notifications	Emergency notification phone number
EPA – Environment Line	131 555
Fire & Rescue NSW (FRNSW)	1300 729 579
Gosford City Council – 24Hr Emergency Number	4325 8222
Public Health Unit (Gosford) – Sydney West AHS	HealthLink (24 hr): 0 - 1800 063 635 Head Office - Gosford: 0 - (02) 4349 4845
WorkCover Authority of NSW	131050 Company ABN if asked: 51 000 756 507
Government Authority - ring if relevant	Emergency notification phone number
NSW 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
Ausgrid (Electricity Network)	131 388