



Environment Protection Authority

# Pollution Incident Response Management Plan Howlong Sand and Gravel.



## Pollution incident response management plan

Licence number: 254

Approved by: Andrew McKimmie

**Position/Title:** Quarry Manager

**Signature:**

**Date:** 14/08/2023

### **Purpose:**

Lima South Quarry Pty Ltd holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for Howlong Sand and Gravel. As per the *Protection of the Environment Operations Act 1997* (the POEO Act), the holder of an Environment Protection Licence must prepare, keep, test and implement a pollution incident response management plan (PIRMP) that complies with Part 5.7A of the POEO Act in relation to the activity to which the licence relates.

If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of section 147 of the POEO Act) is caused or threatened, the person carrying out the activity must **immediately** implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

A copy of this plan must be kept at the licensed premises, or where the activity takes place in the case of mobile plant licences, and be made available on request by an authorised EPA officer and to any person who is responsible for implementing this plan.

Parts of the plan must also be available either on a publicly accessible website, or if there is no such website, by providing a copy of the plan to any person who makes a written request. The sections of the plan that are required to be publicly available are set out in section 74 of the Protection of the Environment Operations (General) Regulation 2022.

**Note:** This plan must be developed in accordance with the *Protection of the Environment Operations Act 1997* and the Protection of the Environment Operations (General) Regulation 2022.

Licensees should also refer to the EPA's Guideline: Pollution incident response management plans.

## Environment Protection Licence (EPL) details

**Name of licensee:** Lima South Quarry Pty Ltd  
(including ABN) 26 036 371 410

**EPL number:** 254

**Premises name and address:** Howlong Sand and Gravel  
4293 Riverina Highway  
Howlong NSW 2643

**Company or business contact details**  
**Name:** Tony Rintala  
**Position or title:** Quarry Manager  
**Business hours contact number/s:** 0472 875 273  
**After hours contact number/s:** 0472 875 273  
**Email:** Tony.R@lsquarry.com.au

**Website address:** www.lsquarry.com.au

**Scheduled activity/activities on EPL:** Extraction of alluvial aggregates such as Sand and Gravel

**Fee-based activity/activities on EPL:** Extraction of alluvial aggregates such as Sand and Gravel

## Pollution incident – person/s responsible

Contact details must include the names, position titles and 24-hour contact details. Details are to include alternative person/s, should the primary contact be unavailable.

**PIRMP activation**  
**Name of person responsible:** Andrew McKimmie  
**Position or title:** Environmental / Projects Manager  
**Business hours contact number/s:** 03 5768 2366  
**After hours contact number/s:** 0417 883 576  
**Email:** [andrew.m@lsquarry.com.au](mailto:andrew.m@lsquarry.com.au)  
**Alternative Contact:** Tony Rintala

**Position or Title:** Quarry Manager  
**Contact Number:** 0472 875 273

#### Pollution incident – person/s responsible, continued

##### **Notifying relevant authorities**

Notification should be made by a person with an appropriate level of authority within the company.

**Name of person responsible:** Andrew McKimmie  
**Position or title:** Environmental / Projects Manager  
**Business hours contact number/s:** 0417 883 576  
**After hours contact number/s:** 0417 883 576  
**Email:** Andrew.m@lsquarry.com.au

##### **Managing response to pollution incident**

**Name of person responsible:** Tony Rintala  
**Position or title:** Quarry Manager  
**Business hours contact number/s:** 0472 875 273  
**After hours contact number/s:** 0472 875 273  
**Email:** [Andrew.m@lsquarry.com.au](mailto:Andrew.m@lsquarry.com.au)  
**Alternative Person Responsible:** Lachlan Foster  
**Position or Title:** Leading Hand  
**Contact Number:** 0455604273

##### **Notification of relevant authorities**

Identify any persons or authorities required to be notified as per Part 5.7A of the POEO Act in the case of a pollution incident that causes or threatens to cause material harm to the environment.

Relevant authorities include:

1. Fire and Rescue NSW and/or Rural Fire Service as applicable – 000 (first notification)
2. EPA – 131 555
3. Albury Public Health Unit 02 6053 4800.
4. SafeWork NSW – 131 050
5. Federation Council 6033 8999

Note: The local council and public health unit will vary depending on the location of the pollution incident. For mobile plant licences the PIRMP will need to include the person or people who are responsible for identifying the local authority and nearest public health unit.

**Fire and Rescue NSW / Rural Fire Service**

**Contact number/s:**

000

<b>EPA</b>	<b>Contact number/s:</b>	131 555
<b>NSW Health</b>	<b>Relevant Area Health Service:</b>	Howlong Medical Centre
	<b>Contact number/s:</b>	6026 5307
<b>SafeWork NSW</b>	<b>Contact number/s:</b>	13 10 50

**Notification of relevant authorities, continued**

<b>Local authority/s</b> Identify the local authority for the area in which the premises to which the environment protection licence relates, and any area that is affected, or potentially affected, by the pollution.	<b>Contact number/s:</b>	Federation Council 6033 8999
<b>Any other identified organisation or agency requiring notification (if applicable)</b> e.g. Water NSW, Department of Planning and Environment, Roads and Maritime Services.	<b>Contact number/s:</b>	Emergency Services 000 Water NSW 1300 662 077 EPA 131 555 Department of Planning Industry and Environment 1300 305 695 Resources Regulator 1300 814 609 Office of Environment and Heritage 131 555

**Notification of neighbours and the local community**

*Identify owners or occupiers of premises in the vicinity of the licensed premises, including any sensitive premises (e.g. schools, preschools, hospitals, nursing homes):*

Contact	Telephone	Email
Mr. Warwick Ashby	0418 257 243	wta@ashbyca.com.au
Mr. Greg Fraser	0427 337 376	greg@fraserearthmoving.com.au
Mr. Grant Cameron	0429 651 338	
Heritage Seeds	02 6026 5288	
Federation Shire Council	02 6033 8999	council@federationcouncil.nsw.gov.au

*Details of how the neighbours will be informed of the incident, including early warnings and regular updates (e.g. door knock, phone call, emergency alert):*

*Incident notification to neighbours will be via mobile phone or door knock depending on the incident.*

Early warnings and regular updates will be by company web site. If a matter is more urgent it will be via mobile phone or door knock.

Description and likelihood of hazards

Risk Source(s)	Receiver / Surrounding Environment	Potential Consequence	Potential Impact (Assuming Mitigation Measures Adopted)	Consequence	Likelihood	Risk	Proposed Mitigation Measures EIS Section Ref.
<b>AIR QUALITY AND GREENHOUSE GAS</b>							
<ul style="list-style-type: none"> <li>Particulate matter (PM<sub>2.5</sub>, PM<sub>10</sub>, TSP) from extraction and processing operations, stockpiles and exposed surfaces</li> <li>Particulate matter (PM<sub>2.5</sub>, PM<sub>10</sub>, TSP) from vehicle movements within the Quarry infrastructure area or the Quarry Access Road</li> </ul>	Residences / water tanks	Increased deposited dust and associated nuisance for local residents / sediment water tanks	Nuisance/amenity impacts from dust deposited on water tanks, window sills, cars, etc.	Minor (4)	Possible (C)	L	6.6.7
	Local residents and landowners	<ul style="list-style-type: none"> <li>Increased particulate matter (in particular PM<sub>10</sub> and PM<sub>2.5</sub>) in the atmosphere</li> <li>Complaints to the Operator by community</li> </ul>	<ul style="list-style-type: none"> <li>Adverse health impacts (if levels are excessive)</li> <li>Community and regulatory scrutiny</li> </ul>	Moderate (3)	Unlikely (D)	L	
	Surface water bodies	Reduction in local water quality	Exceedance surface water quality	Moderate (3)	Unlikely (D)	L	
	Surrounding native vegetation	Reduction in vegetation health or mortality	Reduced condition of local vegetation or value as fauna habitat	Moderate (3)	Rare (E)	L	
Greenhouse gas emissions from vehicles and fixed and mobile plant	Local and regional air shed	Increase in greenhouse gas emissions to atmosphere	Contribution to greenhouse effect	Negligible (5)	Certain (A)	M	
Respirable silica within dust from extraction and processing operations, stockpiles and exposed surfaces	Residents living on surrounding landholdings	Increase in concentrations of respirable silica in the atmosphere	Adverse health impacts such as a respiratory disease	Major (4)	Rare (E)	L	
<b>NOISE AND VIBRATION</b>							
Noise from extraction and processing plant	Local residents and landowners	Increased noise levels	Noise levels cause annoyance and/or distractions	Moderate (3)	Unlikely (D)	L	6.5.5
		Impacts on the health and well-being of local residents	Noise levels can cause adverse effects on physical or mental health	Major (4)	Rare (E)	L	
		Complaints to Operator by community	Community and regulatory scrutiny	Moderate (3)	Possible (C)	M	
Noise from trucks transporting quarry products off site	Local residents and landowners	Detrimental effects on local fauna	Relocation of and/or reduction of local native fauna species due to noise disturbance	Moderate (3)	Unlikely (D)	L	6.5.5
		Increased noise levels	Noise levels can cause annoyance and/or distractions	Moderate (3)	Unlikely (D)	L	
		Impacts on the health and well-being of local residents	Noise levels can cause adverse effects on physical or mental health	Major (2)	Rare (E)	L	
Noise from trucks transporting quarry products off site	Local residents and landowners	Complaints to Operator by community	Community and regulatory scrutiny	Moderate (3)	Possible (C)	M	6.5.5
		Increased noise levels	Noise levels can cause annoyance and/or distractions	Moderate (3)	Unlikely (D)	L	
		Impacts on the health and well-being of local residents	Noise levels can cause adverse effects on physical or mental health	Major (2)	Rare (E)	L	
<b>VISIBILITY</b>							
Changes in the visual character of the locality	Surrounding residents	Visibility of the quarry from local residences and vantage points from the Murray River	Decreased visual amenity of local setting	Moderate (3)	Unlikely (E)	L	6.10.4
	Motorists (Riverina Highway)	Visibility of the quarry from the Highway	Decreased visual amenity	Moderate (3)	Unlikely (E)	L	
<b>TRAFFIC</b>							
Increased traffic levels on the public road network	Motorists on the Riverina Highway	Truck traffic and possible congestion	Inconvenience to commuters	Moderate (3)	Unlikely (D)	L	6.2.4
		Deterioration of road surface	Accelerated road pavement deterioration	Minor (4)	Rare (E)	L	
	Residences in the vicinity of the Quarry	Truck traffic and vehicle noise/emissions	Reduced amenity of local area (noting presence of nearby traffic on the Riverina Highway)	Moderate (3)	Unlikely (D)	L	
		Native fauna	Death or injury to native animals on the road network	Loss of species in local area	Minor (4)	Unlikely (D)	

Risk Source(s)	Receiver / Surrounding Environment	Potential Consequence	Potential Impact (Assuming Mitigation Measures Adopted)	Consequence	Likelihood	Risk	Proposed Mitigation Measures EIS Section Ref.
<b>BIODIVERSITY</b>							
• Clearing of vegetation	• Regional biota	• Reduction in remnant native vegetation	• Reduction in local biodiversity	Minor (4)	Possible (C)	L	6.8.4
		• Loss of local and regionally important threatened species (flora and fauna)	• Local or regional reduction in distribution of threatened species, populations and EECs	Minor (4)	Possible (C)	L	
• Detrimental indirect effects of Project impacts, e.g. noise, dust, lighting	• Locally occurring species, populations and communities	• Dispersal of locally occurring species and populations away from the Site	• Reduced biodiversity value of the Site and local setting	Minor (4)	Unlikely (D)	L	
		• Reduced potential for use of the Site by threatened species, populations and EECs	• Reduced local distribution of threatened species, populations and EECs	Minor (4)	Unlikely (D)	L	
<b>SURFACE WATER</b>							
• Discharge of dirty or contaminated water	• Local tributaries and Murray River	• Decreased water quality	• Temporary sedimentation pollution of downstream waters	Moderate (3)	Possible (C)	M	6.4.3
	• Site soils and vegetation	• Contamination of soil resources	• Reduced potential for future land uses	Minor (4)	Unlikely (D)	L	
	• Local and regional catchment ecosystem	• Introduction of a toxic compound to the environment	• Pollution of local waterways resulting in detrimental effects to flora and fauna	Moderate (3)	Possible (C)	M	
• Changes to the landscape from Quarry operations	• The floodplain	• Damage to off-site infrastructure located within the floodplain	• Damage to infrastructure and risk to human life	Major (2)	Unlikely (D)	M	
• Flooding	• Quarry infrastructure	• Damage to on-site infrastructure located within the floodplain	• Damage to infrastructure and risk to human life	Major (2)	Unlikely (D)	M	
• Capture of water that would otherwise have fallen on the catchment	• River environment and downstream water users	• Reduced water available to sustain the environment or for downstream use	• Impact to natural environment or downstream irrigation or other approved water use	Negligible (5)	Likely (B)	L	
<b>GROUNDWATER</b>							
• Reductions in groundwater flow	• Local groundwater users	• Reduction in the volume of water contained within local aquifers / availability	• Reduced yields of groundwater bores	Moderate (3)	Unlikely (D)	L	6.3.4
	• Local streams, creeks and rivers	• Reduction in base flows	• Reduced discharge to the Murray River and other receiving systems	Major (2)	Unlikely (D)	M	
			• Degradation of riparian or aquatic vegetation/ecosystems	Moderate (3)	Unlikely (D)	L	
			• Reduced availability of water to downstream users	Moderate (3)	Unlikely (D)	L	
	• Terrestrial Groundwater dependent ecosystems	• Reduced availability of groundwater	• Degradation of terrestrial groundwater dependent ecosystems	Moderate (3)	Unlikely (D)	L	
• Contamination from on-site activities	• Regional groundwater setting	• Seepage of contaminated materials to regional groundwater	• Contamination of groundwater resource	Moderate (3)	Possible (C)	M	
<b>ABORIGINAL CULTURAL HERITAGE</b>							
• Removal or destruction of known Aboriginal sites and/or artefacts	• Local archaeological setting	• Damage or destruction of Aboriginal artefacts or site	• Destruction of identified site	Moderate (3)	Rare (E)	L	6.9.4
			• Cumulative reduction of the in situ archaeological record	Moderate (3)	Rare (E)	L	
• Removal or destruction of currently unidentified Aboriginal sites and/or artefacts			• Destruction of site not yet identified on archaeological record	Moderate (3)	Rare (E)	L	
			• Cumulative reduction of the in situ archaeological record	Moderate (3)	Rare (E)	L	

Risk Source(s)	Receiver / Surrounding Environment	Potential Consequence	Potential Impact (Assuming Mitigation Measures Adopted)	Consequence	Likelihood	Risk	Proposed Mitigation Measures EIS Section Ref.
<b>HISTORIC HERITAGE</b>							
• Removal or destruction of sites of heritage significance due to proposed activities	• Local archaeological setting	• Loss or damage to heritage sites	• Loss or destruction of items of heritage significance	Moderate (3)	Rare (E)	L	6.9.4
<b>SOILS</b>							
• Loss of soil resources as a result of land preparation activities	• Site soil resources	• Reduced soil resource to undertake appropriate rehabilitation program	• Rehabilitation outcomes not meeting objectives	Minor (4)	Unlikely (D)	L	6.7.4
• Degradation of soil resources as a result of stockpiling	• Site soil resources	• Compromised soil quality leads to poor vegetation regrowth on site	• Reduced standard of revegetation	Minor (4)	Unlikely (D)	L	
• Erosion as a result of vegetation clearing, from stockpiles or following soil replacement during rehabilitation	• Site soil resources • On and off-site surface water bodies	• Loss of soil resources • Sedimentation of on-site and local surface water bodies resulting in poor water quality	• Rehabilitation outcomes not meeting objectives • Increased erosion on the final landform	Minor (4) Minor (4)	Unlikely (D) Unlikely (D)	L L	
<b>ECONOMIC</b>							
• Increase in local employment	• Local community and residents	• Employment of quarry personnel and contractors	• Improvement of economic well-being with the LGA	Positive Impact			6.12
• Supply of sand and gravel aggregates	• Victoria and NSW	• Provision of cost-competitive sand and gravel aggregates	• Downward pressure on regional infrastructure and construction projects	Positive Impact			
<b>SOCIAL</b>							
• Increase in local employment	• Local community and residents	• Employment of quarry personnel and contractors	• Improvement of economic well-being within the LGA	Positive Impact			6.13.7
			• Change in local community structure as a result of income disparity	Negligible (5)	Unlikely (D)	L	
			• Inability of existing services and infrastructure to meet needs of community	Negligible (5)	Rare (E)	L	
• Impacts associated with local amenity such as traffic, noise, visual or dust impacts	• Local community and residents	• Loss of amenity	• Changes to an individual's experience of a place or of their home	Moderate (3)	Unlikely (D)	L	
			• Negative impacts to way of life and in extreme cases community interactions and cohesion	Moderate (3)	Unlikely (D)	L	
• Proximity of quarry to local and neighbouring properties	• Local community and residents	• Perceived / loss of amenity at local and neighbouring properties	• Change of social activities in local communities and impact on feelings of well-being derived from associated location	Moderate (3)	Rare (E)	L	
• Detrimental impacts to land values	• Local landowners	• Perceived / loss of land values arising from quarry's operation	• Reduction in land values	Moderate (3)	Rare (E)	L	
• Community fears and concerns for the future exacerbated by perceived inability to adapt or be involved in decisions that affect their lives	• Local community and residents	• Feeling that the community has no control over matters that directly affect their lives	• Fears for the future and future generations and feelings of helplessness	Moderate (3)	Unlikely (D)	L	
• Detrimental impacts to agricultural resources	• Local business and landowners	• Loss of agricultural resources (land and water)	• Loss of income	Moderate (3)	Rare (E)	L	

Risk Source(s)	Receiver / Surrounding Environment	Potential Consequence	Potential Impact (Assuming Mitigation Measures Adopted)	Consequence	Likelihood	Risk	Proposed Mitigation Measures EIS Section Ref.
<b>REHABILITATION</b>							
• Rehabilitated soils and vegetation of the Site	• Future land use	• Soils and vegetation quality and suitability for future use is compromised or restricted	• Rehabilitation outcomes do not meet objectives	Moderate (3)	Unlikely (D)	L	2.13
	• Surrounding residents	• Poor rehabilitation	• Reduced amenity of the final landform	Moderate (3)	Unlikely (D)	L	
• Final land use of the Site	• Surrounding residents	• Altered landforms	• Reduced amenity of the final landform resultant from altered topography	Moderate (3)	Unlikely (D)	L	
	• Future land use	• Landform unsuitable for proposed final land use	• Final land use incompatible with surrounding landscape	Moderate (3)	Unlikely (D)	L	
<b>BUSH FIRE</b>							
• Initiation of bush fire due to on Site activities	• Local residents, business and landowners	• Health and safety impacts to employees and residents	• Loss of life, assets and property on site and in surrounding area	Major (2)	Rare (E)	L	6.11.3
		• Reduction of operating performance for the Site and surrounding businesses	• Property damage and impacts on production	Major (2)	Unlikely (D)	M	
	• Native flora and fauna	• Destruction and damage of native flora and fauna	• Reduced biodiversity value of the Site	Major (2)	Unlikely (D)	M	

## Pre-emptive actions to be taken

*Provide detailed descriptions of the pre-emptive actions to be taken to minimise or prevent any risk of harm to human health or the environment arising from the activities undertaken at the premises:*

Lima South Quarry Pty Ltd operate under an Integrated Management System and holds certifications for WHS, Environmental and Quality.

Under this system audits for WHS, Environmental are carried out by Quarry personnel monthly.

Monthly dust monitoring is carried out with testing carried out by a NATA certified lab.

Water monitoring is carried out monthly.

Noise, vibration, and diesel particulate matter are monitored on a twelve-monthly basis.

Petrographic testing is carried out on materials on a six-monthly basis.

Spill kits are located around the quarry to control minor spills.

Water truck operates as required to control dust.

A Drivers Code of Conduct covers operations of trucks entering and leaving the quarry, this also covers operations through Howlong.

## Inventory of pollutants

***Provide an inventory of potential pollutants on the premises or used in carrying out the activity to which the licence relates:***

*Identify the maximum quantity of any pollutant/s likely to be stored or held at particular locations (including underground tanks) at or on the premises to which the licence relates.*

Bulk Fuel Container	65,000 Litres	Diesel
Fuel Trailer	2,000 Litres	Diesel
Water Pump Generator Tank	1,500 Litres	Diesel
Screen Generator Tank	1,500 Litres	Diesel
Sand Stockpiles HSG01, 02 and 03	8,000 Tonnes	Sand

## Safety equipment

*Describe the safety equipment or other devices used to minimise the risks to human health or the environment and to contain or control a pollution incident:*

Spill kits are located on the fuel trailer, Hilux Ute, Water Generator Shed, and Screen Generator Shed.

First Aid Kits are located in each Loader, Quarry Manager's Car, and Weighbridge Office.

Operations within the Quarry are contained within the Earthen Bund Walls.

Water Truck provides dust suppression and water for firefighting.

## Communicating with neighbours and the local community

*Identify details of the mechanisms for providing early warnings and regular updates to owners and occupiers of premises in the vicinity of the premises to which the licence relates or where the scheduled activity is carried out:*

Regular updates will be provided by the company web site, [www.lsquarry.com.au](http://www.lsquarry.com.au)

Early warnings if required will be via the company web site unless they are of a more urgent nature. If deemed appropriate a door knock will be carried out or contact by mobile phone.

*Develop any specific information that could be provided to the community, so it can minimise the risk of harm:*

The results of the following required monitoring will be displayed on the company web site;

Processed Monthly Volumes and Vehicle Movements,

Monthly Dust Monitoring Results,

Driver Code of Conduct Register updates,

Monthly Water Sampling results,

Annual Petrographic Test Results,

Annual Dust, Noise and Diesel Particulate Matter Testing Results, and

Water Levels Murray River adjacent Pit One.

Other information to be provided on the web site will include;

Drivers Code of Conduct,

Pollution Incident Response Management Plan,

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Points of contacts for the Quarry, and  
Email address for the lodgement of complaints.

### Minimising harm to persons on the premises

*Identify 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 out:*

Lima South Quarry Pty Ltd operate within the guidelines of a fully approved and certified Integrated Management System that covers WHS, Quality and Environmental, as part of this process the following takes place;

Emergency Management Drills and training for all staff,

Emergency Evacuation Points are marked,

Training for all personnel regarding safety and environmental issues on site,

First Aid equipment and training,

All works are covered by SWMS or basic risk assessments,

Maintenance works are regularly carried out on all plant and equipment, and

Incident Reporting Systems to provide the basis for improvement.

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## Maps

Provide a detailed map (or set of maps) showing the:

- location of the premises to which the licence relates,
- surrounding area likely to be affected by a pollution incident,
- location of potential pollutants on the premises, and
- location of any stormwater drains on the premises.

It is recommended the position of any discharge points, or any other useful information be included on the map/s, and that any important details on the map are labelled (e.g. the nearest water course or water body that stormwater drains located on the premises discharge to).

This Pollution Incident Response Management Plan is to be read and used in conjunction with Figures 1 through to 4, that detail the following;

- Figure 1 – Pit Layout and Borre Locations,
- Figure 2 – Site Layout,
- Figure 3 – Noise, Dust and Wind, and
- Figure 4 – Ground Water Flow.

## Actions to be taken during or immediately after a pollution incident

*Develop a detailed description of the actions to be taken immediately after a pollution incident to reduce or control any pollution. These should include as a minimum, early warnings, updates, and actions to be taken during and after an incident:*

Lima South Quarry operated under an approved Integrated Management System (IMS) and the Site Emergency Management Plan is initiated as detailed in LSQMS-595106899-2 Emergency Response Control Plan Howlong Sand and Gravel, all personnel will stop work, shut down any plant being operated and proceed to call point 2.

Quarry manager will carry out inspection of the incident, sufficient details are to be taken to completed and document incident.

Quarry Manager will brief Administration Staff, who will place early warnings as required on the company web site or if deemed appropriate contact adjacent landowners.

Quarry Manager will contact Emergency Services or Authorities as required.

Quarry Manager will assign specific tasks or actions to Quarry Personnel as required to prevent or control further damage.

Administration will provide updates through the company web site.

As incident stabilises or is under control Administration Staff will notify through company web site.

If required Quarry Manager will update Emergency Services and Authorities.

Quarry Management will carry out a detailed investigation into the incident as detailed in LSQMS-595106899-2 Emergency Response Control Plan.

Quarry Manager will provide a detailed report of the incident to Authorities as required.

Administration Staff will provide a copy of the report on the company web site.

All reports, Directions from Authorities or recommendations will be recorded within the company's IMS.

*Develop 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:*

Fire early warning systems such as Hazards NSW and Vic Emergency are used to provide notice of nearby events or incidents.

Employees are kept informed by Quarry Manager or Administration Staff as to severity and proximity of event.

Fuel trailers are moved to a bare location within the Quarry where conditions can be monitored and addressed were required.

Quarry has on hand a water truck used to control dust, this truck is fitted with water cannons and sprays to control the spread of fire in the Quarry.

Flood warnings and advise is monitored in the same way as above. Employees are kept abreast of the event and if required fuel trailer is moved to a location above the 1% AEP. The Quarry then is evacuated to prevent personnel becoming trapped in low lying areas.

The Quarry is surrounded by a levee bank designed and built to the 1% AEP level of 142.7 AHD.

Dust monitoring is carried out monthly, monitoring locations have been selected to monitor dust levels entering neighbouring properties.

Results are posted on the company web site. Water truck in operation permanently during the summer months and as required during the cooler months.

*Identify any actions to be taken in combating the pollution caused by the incident and how any clean-up and associated funding resulting from an incident will be undertaken:*

Actions taken regarding any pollution event will be managed with the Emergency Response Control Plan Howlong Sand and Gravel LSQMS-595106899-65 for the Quarry contained in the Management System.

As above an assessment will be conducted by the Quarry Manager and required parties notified.

Basic clean operations will be carried out by Quarry personnel.

Issues considered outside Quarry Personnel's abilities will be carried out by contractors under the control of Lima South Quarry and if required by the EPA or Emergency Services.

Funding of any event caused by LS Quarry will be funded from contingency funding within the company. The company operates over many facets with funding available through different streams.

## Coordinating with persons

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*Identify the procedures to be followed for coordinating with the authorities or persons who have been notified:*

All coordination is to be carried out through the Quarry Manager; Administration Staff will update web site as directed by Quarry Manager.

*Identify the person/s through whom all communications are to be made:*

All communications regarding Emergency Management on site should be directed to the Environmental Manager, Andrew McKimmie

Email: [Andrew.m@lsquarry.com](mailto:Andrew.m@lsquarry.com)

Phone: 0417 883 576

And

Quarry Manager, Tony Rintala

Email: [tony.r@lsquarry.com.au](mailto:tony.r@lsquarry.com.au)

Phone: 0472 875 273

## Staff training

*Identify the nature and objectives of any staff training program in relation to this plan:*

This document and procedure will be contained within LSQMS-595106899-2 Emergency Response Control Plan.

Staff are provided training through toolboxes on this subject, attendance and involvement in training and drills is compulsory for all employees on site.

Training is provided to all employees to give a better understanding of emergency procedures required for the site and to provide all employees with clear and concise directions on how they are to respond in different emergency conditions.

All training is to be recorded within the IMS and training cycles are not to exceed twelve months.

## Testing and updating of the PIRMP

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

*Detail the manner in which the plan is to be tested and maintained to ensure the information included in the plan is accurate and up-to-date and the plan is capable of being implemented in a workable and effective manner:*

*Detail how the testing is documented and recorded (this must include the testing dates and names of all staff members who carried out the testing):*

LSQMS-595106899-2 Emergency Response Control Plan, LSQMS-595106899-65 Pollution Incident Response Management Plan, and LSQMS-1303764219-24 Combined Risk Assessment will be used to plan a scenario to test.

LSQMS-595106899-216 Pre-Drill Preparation Check List will be used to document the scenario, check on training requirements and terms of reference for the drill will be set and documented on LSQMS-1303764219-26 Management Review Agenda.

Drill will be carried out using the prefix of "Exercise", by this all personnel should be aware a drill is in progress.

During the drill Management personnel will be required to fill and enter information relating to the drill into LSQMS-595106899-215 Emergency Evacuation Debrief the combined information from these documents will be used to demonstrate compliance to the terms of reference contained in LSQMS-1303764219-26 Management Review Agenda.

Once completed a debrief will be carried out for staff, employees, and information and finding will be entered into the IMS.

*Detail the dates on which the plan was updated:*

16/10/2023 Initial Version Completed.

## PIRMP testing details

Date tested	Tested by	Details of test	Finding of test, including issues identified	Next scheduled testing date
13/07/2023	Andrew McKimmie	Excavator fallen into Pit 1 Leaking fuel and hydraulic oils into the water potentially polluting the aquifer	<p>All personnel evacuated as required. Discussion was held regarding oil control and containment. Emergency contact details were checked and verified. Toolbox to be reviewed and updated prior to next exercise. Continual training required for staff.</p> <p>Information needs to be more accessible to all staff. Ref IMS-700-04</p>	July 2024
22/07/2024	Andrew McKimmie	Evacuation Drill and Desktop simulation.	<p>Hypothetical Emergency: Haul Truck impacting Hilux Ute and Fuel Trailer.</p> <p>Fuel Trailer ruptured leaking fuel with the possibility of it entering pits one and two.</p> <p>All personnel were accounted for by wardens at the evacuation point. The prestart sheet was checked for who was on site to ensure they were accounted for. A round table discussion was held regarding the scenario with regards to possible pollution or environmental damage. Ways and means of controlling fuel flows into the pit were discussed. Isolation of plant and vehicles and the prevention of further diesel discharge.</p> <p>Who and when 000 is called.</p> <p>Preservation of the scene and notifications were discussed. The suggestion was made that an additional first aid person was</p>	July 2025

			required for the site. All contact details checked.	
13/06/2025	Andrew McKimmie Tony Rintala	Evacuation Drill and Desktop simulation.	<p>Major failure of centre wall in Pit 2 causing inrush of water into the working pit.</p> <p>Round table discussion was held with all personnel on site following the drill regarding the scenario with regards to possible pollution or environmental damage. Ways and means of controlling fuel flows into the pit and potential contamination of the Howlong water supply was discussed.</p> <p>Isolation of plant and vehicle and the prevention of further diesel discharge.</p> <p>Who and when 000 is called and notifications required under the ISO9001 amendments regarding notifications to owners' property or equipment.</p> <p>Preservation of the scene and notifications were discussed. Suggestion was made that an additional UHF Radio be installed in the lunchroom.</p> <p>As a result UHF Radio set has been installed to the lunchroom.</p>	13/06/2025
27/03/2026	Andrew McKimmie Tony Rintala	Evacuation Drill and Desktop simulation.	<p>All site personnel evacuated to call point 1 after advice of lightning strike risk. During evacuation to call point 1 Hilux site utility vehicle towing fuel trailer run off right hand embankment north of centre dam.</p> <p>Round table discussion was held with all personnel on site following the drill regarding the scenario with regards to possible pollution or environmental damage.</p>	March 2027

## PIRMP update details

Date update occurred	Reason for update	Details of updates (nature of changes to PIRMP)	Date the updated version uploaded to website (if applicable)	Date of completion
16/10/2023	First Draft	First version completed for use.	Not uploaded.	16/10/2023
17/07/2024	Review and Prep for drill	Update and additions to risk assessment. Added information relating to drill carried out 22/07/2024	Not Uploaded	23/07/2024
13/06/2025	Review and Drill Prep	Update emergency contact details	Uploaded as part of Annual EPA Audit	13/06/2025
24/03/2026	Review and Drill Prep	Update emergency contact details. Update references to internal documents. Include references to SharePoint.	Not Uploaded	10/04/2026

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EPA 2022P3986

September 2022

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