



POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN (PIRMP)

PURPOSE: G C Schmidt Pty Ltd holds Environmental Protection Licences with the NSW Environmental Protection Authority (EPA) for six locations (see Appendix – 1). As per the *Protection of the Environment Operations Act 1997* (the POEO Act), the holder of an Environmental 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 applies.

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.

AIM: This PIRMP has been developed to ensure that if a pollution incident occurs in the course of Schmidt Quarries (SQ) activities, that all aspects of the environment that may be threatened are managed and rectified in accordance with the environmental legislation.

DEFINITION: *Pollution Incident*

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.

WHAT: The purpose of the PIRMP is to set out control measures to prevent harm or injury to persons and damage to the environment caused by the operations of SQ. It is also designed to set out the response to any environmental incident by SQ and its personnel including:

- Initial responses to minor environmental incidents
- Detailed responses to major environmental incidents
- Notifications of environmental incidents to key stakeholders (e.g. near neighbours)
- Notifications to Regulatory Agencies (e.g. EPA)
- Testing of the PIRMP annually
- Annual review and reporting of the PIRMP

The PIRMP extends to all areas of the quarry operation and applies to the overall life cycle requirements of the quarry and any of the infrastructure or mobile plant that may contribute to an environmental incident. The PIRMP applies to all workers, contractors, and sub-contractors involved with the site in relation to the aspects of work they undertake.

The initial assessment of potentially polluting substances is included in Appendix-2 and details areas that may be associated with an environmental incident on site. This initial assessment will be completed by the General Manager - Quarries in consultation with the Mine Operator / Director and Quarry Manager.

WHO: Should an environmental incident occur, the following person/s are responsible.



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PIRMP activation

Primary contact:

Bombala: Stephen Tibbles
Quarry Supervisor

Church Pit: Andrew Bell
Quarry Supervisor

Larbert & Nerriga: Darren Smith
Quarry Supervisor

Nimmitabel: Peter Lewis
Quarry Manager

Mount Mary: Jason McCamish
Quarry Manager

Secondary contact (all sites):

Ben Moore
General Manager - Quarries

Notifying relevant authorities

Primary contact:

David Schmidt
Director

Secondary contact:

Ben Moore
General Manager - Quarries

Managing response to pollution incident

Primary contact:

Ben Moore
General Manager – Quarries

Secondary contact:

David Schmidt
Director

All workers on site are required to have the necessary skills, training and/or experience to perform tasks and respond to any incident that may have an impact on the environment.

Whilst personal contact details for the above are available in the controlled onsite Pollution Incident Response Management Plan, they do not appear in this public document.



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HOW: The PIRMP provides guidance on the overall management strategy and work practices to be used to manage pollution incident responses. Appendix-2 describes the hazards associated with quarrying activities with Appendix-3 describing how particular potential environmental incidents from identified risks in Appendix-2 may be managed as far as is reasonably practicable and in conjunction with elements of the SQ Safety Management System (SMS).

The SQ SMS contains the following information both on-site and in the electronic SMS:

- Inventory and Location of Pollutants: see Chemical Manifest, Hazardous Chemical (Substances) Register and Safety Data Sheets on SQ Company drive - Safety Management System, section 15. Hazardous Substances and Dangerous Goods.
- Emergency Management Plan Diagrams: see SQ Company drive – Safety Management System, section 9. Emergency Planning (diagrams show location of the evacuation assembly area and safety equipment).
- Inductions and Training: See completed inductions on the SQ company drive – 13. Contractor Health and Safety; see Training and Qualifications Register and corresponding forms on the SQ Head Office drive – 3. WHSEQ, Safety Management System, section 14. Training; see Completed Toolbox Talks on the SQ Company drive – Safety Management System, section 4. Consultation

Notification of Relevant Authorities

Fire & Rescue NSW / Rural Fire Service – 000 (first notification)

- Bombala:** Bombala Fire Station
02 6458 3011
- Church Pit:** Yass Fire Station
02 6226 1058
- Larbert:** Braidwood Fire Station
02 4842 2524
- Nerriga:** Braidwood Fire Station
02 4842 2524
- Nimmitabel:** Cooma Fire Station
02 6452 2037
- Mount Mary:** Cooma Fire Station
02 6452 2037

Environment Protection Authority

131 555

NSW Health

Goulburn Public Health Unit
Business Hours: 02 4824 1837
After Hours: 02 6080 8900 (Albury Base Hospital)

SafeWork NSW

131 050



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Local Council

- Bombala:** Snowy Monaro Regional Council
1300 345 345
- Church Pit:** Yass Valley Council
02 6226 2598
- Larbert:** Queanbeyan-Palerang Regional Council
1300 735 025
- Nerriga:** Queanbeyan-Palerang Regional Council
1300 735 025
- Nimmitabel:** Snowy Monaro Regional Council
1300 345 345
- Mount Mary:** Snowy Monaro Regional Council
1300 345 345

Communication with Neighbouring Properties and the Community

If an incident occurs, the General Manager - Quarries in consultation with the Quarry Manager shall ensure any neighbouring properties (see Appendix – 4) will be advised of the incident in the following ways:

1. Contact in person, telephone or email the property owner immediately or as soon as possible and advise them of the incident details (i.e. type of pollution, type of chemical, if the authority has been contacted) and any safety issues for humans, animals or plants.
2. Details of preventative actions taken and details of avenues they should undertake to ensure their safety is not compromised.

WHEN: The PIRMP shall be implemented at the occurrence of any environmental incident utilising Appendix-3 as a guideline for response. The PIRMP shall be tested annually and at one (1) month post any environmental incident to ensure readiness and currency and to ensure responses remain adequate (see Appendix – 5).

ACTION: Should an environmental incident occur, the Quarry Manager shall be advised immediately and determine the response required utilising Appendix-3 as a guideline. The Quarry Manager shall advise the General Manager - Quarries of any incident and complete *SQ-HSE-FRM-022 Environmental Incident Report* and if any worker or plant is involved a *SQ-HSE-FRM-021 Incident Near Miss Report* so as to facilitate any reporting or notifications required based on the severity and potential impact of the incident. The Director or General Manager - Quarries shall be responsible for notification to the EPA and other relevant authorities. The Quarry Manager in consultation with the General Manager - Quarries will be responsible for the annual and post incident testing of the PIRMP.

DOCUMENT CONTROL: All documentation relating to the PIRMP will be filed at each site as required, and electronically on the company computer systems.

Any incident requiring health monitoring information will be treated as strictly confidential and will be filed in accordance with *SQ-HSE-PLN-002 – Health Control Plan* requirements.

RISK ASSESSMENT MATRIX

	Insignificant	Minor	Moderate	Major	Extreme
Almost Certain	Medium (19)	Medium (16)	High (8)	Very High (3)	Very High (1)
Likely	Medium (20)	Medium (17)	High (9)	High (6)	Very High (2)
Possible	Low (21)	Medium (18)	Medium (13)	High (7)	High (4)
Unlikely	Low (24)	Low (22)	Medium (14)	Medium (11)	High (5)
Rare	Low (25)	Low (23)	Medium (15)	Medium (12)	Medium (10)



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APPENDIX – 1 Environmental Protection Licence (EPL) Details

1. Bombala Quarry

Name of licensee: G C Schmidt Pty Ltd
ABN: 19 176 523 054

EPL number: 12891

Premises name and address: Bombala Quarry
High Lake Road
BOMBALA NSW 2632

Company contact details:

Name: David Schmidt
Position or Title: Director
Contact number: 0407 033 521
Email: david@schmidtquarries.com.au

Website address: <http://www.schmidtquarries.com.au/>

Scheduled activities on EPL: Extractive activities
Crushing, grinding or separating

Fee-based activities on EPL: Land-based extractive activity
> 50,000-100,000T annual capacity to extract, process or store
Crushing, grinding or separating
> 30,000-100,000T annual processing capacity

2. Warrambui Pit (Church Pit)

Name of licensee: G C Schmidt Pty Ltd
ABN: 19 176 523 054

EPL number: 4323

Premises name and address: Warrambui Pit
322 Greenwood Road
MURRUMBATEMAN NSW 2582

Company contact details:

Name: David Schmidt
Position or Title: Director
Contact number: 0407 033 521
Email: david@schmidtquarries.com.au

Website address: <http://www.schmidtquarries.com.au/>

Scheduled activities on EPL: Extractive activities
Crushing, grinding or separating



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Fee-based activities on EPL: Extractive activities
> 50,000-100,000T annual capacity to extract or process
Crushing, grinding or separating
> 30,000-100,000T annual processing capacity

3. Rivervale Quarry (Larbert)

Name of licensee: G C Schmidt Pty Ltd
ABN: 19 176 523 054

EPL number: 3517

Premises name and address: Rivervale Quarry
Larbert Road
LARBERT NSW 2622

Company contact details:

Name: David Schmidt
Position or Title: Director
Contact number: 0407 033 521
Email: david@schmidtquarries.com.au

Website address: <http://www.schmidtquarries.com.au/>

Scheduled activities on EPL: Extractive activities

Fee-based activities on EPL: Extractive activity
> 100,000-500,000T annual capacity to extract, process or store

4. "High Forest" Quarry (Nerriga)

Name of licensee: G C Schmidt Pty Ltd
ABN: 19 176 523 054

EPL number: 12725

Premises name and address: "High Forest" Quarry
5978 Nerriga Road
NERRIGA NSW 2622

Company contact details:

Name: David Schmidt
Position or Title: Director
Contact number: 0407 033 521
Email: david@schmidtquarries.com.au

Website address: <http://www.schmidtquarries.com.au/>



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Scheduled activities on EPL:	Extractive activities Crushing, grinding or separating Chemical Storage (Petroleum product storage <200t capacity)
Fee-based activities on EPL:	Land-based extractive activity > 100,000-500,000T capacity to extract, process or store Crushing, grinding or separating > 30,000-100,000T annual processing capacity

5. Monaro Basalt Quarry (Nimmitabel)

Name of licensee:	G C Schmidt Pty Ltd ABN: 19 176 523 054
EPL number:	5103
Premises name and address:	Monaro Basalt Quarry 5726 Monaro Highway NIMMITABEL NSW 2631
Company contact details:	
Name:	David Schmidt
Position or Title:	Director
Contact number:	0407 033 521
Email:	david@schmidtquarries.com.au
Website address:	http://www.schmidtquarries.com.au/
Scheduled activities on EPL:	Extractive activities
Fee-based activities on EPL:	Land-based extractive activity > 100,000-500,000T annual capacity to extract, process or store

6. Mount Mary Quarry (Rock Flat)

Name of licensee:	G C Schmidt Pty Ltd ABN: 19 176 523 054
EPL number:	21387
Premises name and address:	Rock Flat Quarry 278 Springs Road ROCK FLAT NSW 2630



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Company contact details:

Name:	David Schmidt
Position or Title:	Director
Contact number:	0407 033 521
Email:	david@schmidtquarries.com.au
Website address:	http://www.schmidtquarries.com.au/
Scheduled activities on EPL:	Extractive activities
Fee-based activities on EPL:	Extractive activities > 50,000-100,000T annual capacity to extract or process

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APPENDIX – 2 Hazards Associated with Quarrying Activities that may present harm to human health or the environment.

Hazard	Risk Rating	Impact on Neighbouring facilities	Circumstances that could increase likelihood	Actions taken to minimise risk	Emergency Equipment	Responsible
Storage of Hazardous substances	Medium (14)	NO	<ul style="list-style-type: none"> Inadequate storage areas Incompatible Storage Wrongful disposal 	<ul style="list-style-type: none"> Adequate storage of all hazardous substances Ventilation Regular documented inspections of areas Spill kit SDS documents Disposal in accordance with SDS 	<ul style="list-style-type: none"> Bunding Spill Kit Fire Extinguishers Gloves Masks 	Quarry Manager
Major Fuel Storage (ground contamination)	High (7)	YES	<ul style="list-style-type: none"> Lack of maintenance and inspections Damage to bunding 	<ul style="list-style-type: none"> Area around fuel to be bunded Regular documented inspections of the area Spill kit Emergency Management Plan 	<ul style="list-style-type: none"> Bunding Spill Kit Fire Extinguishers Gloves Masks 	Quarry Manager
Fire	High (7)	YES	<ul style="list-style-type: none"> Hot weather Lack of adequate fire extinguishers Lack of plant maintenance 	<ul style="list-style-type: none"> Ensure fire bans are known Hot Work Permit System Fire extinguishers checked Maintenance of plant undertaken as per manufacturers recommendations No ignition sources around fuels 	<ul style="list-style-type: none"> Spill Kit Fire Extinguisher Gloves Water truck 	Quarry Manager
Rubbish and Waste	Low (24)	NO	<ul style="list-style-type: none"> Wrongful disposal 	<ul style="list-style-type: none"> Dispose of recycled waste at approved waste centres Engage contractors to remove recycled materials Recycle on site 	<ul style="list-style-type: none"> Nominated recycling areas Contact details of recycling premises 	Quarry Manager



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Hazard	Risk Rating	Impact on Neighbouring facilities	Circumstances that could increase likelihood	Actions taken to minimise risk	Emergency Equipment	Responsible
Dust from Quarrying activities	Medium (18)	YES	<ul style="list-style-type: none"> • Wind • Water truck not operational 	<ul style="list-style-type: none"> • Water truck maintained as per manufacturers recommendations • Water truck utilised in accordance with safety requirements (e.g. Not overwatering roads creating hazardous driving conditions) 	<ul style="list-style-type: none"> • Water truck • Masks • Safety eye wear 	Quarry Manager
Sediment ponds	Low (24)	YES	<ul style="list-style-type: none"> • Heavy rain • Fuel and chemical storage inadequate 	<ul style="list-style-type: none"> • Store chemicals and fuels away from ponds • Store chemicals in bunded areas • Regular inspection of sediment ponds 	<ul style="list-style-type: none"> • Bunding • Spill kits • Earthmoving equipment 	Quarry Manager
Plant leaking fluids and chemicals	Low (24)	NO	<ul style="list-style-type: none"> • Lack of Maintenance • Daily inspections not undertaken properly 	<ul style="list-style-type: none"> • Maintenance regime as per the manufacturer's recommendations • Daily inspections undertaken properly and monitored • Spill kit 	<ul style="list-style-type: none"> • Maintenance regime • Spill kit • Gloves 	Quarry Manager/ Workshop Coordinator
Explosive materials brought onsite by contractor	Low (24)	YES	<ul style="list-style-type: none"> • Inadequate storage and transportation by contractor 	<ul style="list-style-type: none"> • Contractor to provide Safe working procedures regarding explosive materials • Subcontractor to be monitored and supervised by Quarry Manager • Contractor to be licenced 	<ul style="list-style-type: none"> • Licenced Contractor • Storage vans • Barricading 	Quarry Manager/ Shotfirer



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Hazard	Risk Rating	Impact on Neighbouring facilities	Circumstances that could increase likelihood	Actions taken to minimise risk	Emergency Equipment	Responsible
Air Quality – emissions	Low (24)	YES	<ul style="list-style-type: none"> Lack of Maintenance of plant Daily inspections not undertaken properly 	<ul style="list-style-type: none"> Maintenance regime as per the manufacturer's recommendations Daily inspections undertaken properly and monitored 	<ul style="list-style-type: none"> Maintenance regime Respirators 	Quarry Manager/ Plant Operator
Loss of Wildlife	Low (24)	YES	<ul style="list-style-type: none"> Change in Production areas Vehicle collision with wildlife 	<ul style="list-style-type: none"> Rehabilitation plan developed by a qualified consultant and implemented Monitoring & Inspections Operator training and awareness 	<ul style="list-style-type: none"> Maintenance regime Rehabilitation Plan 	Mine Operator/ Director
Loss of Farmland	Low (25)	YES	<ul style="list-style-type: none"> Change in production areas Noise Dust 	<ul style="list-style-type: none"> Rehabilitation plan developed by a qualified consultant and implemented Monitoring & Inspections 	<ul style="list-style-type: none"> Maintenance regime Rehabilitation Plan Water truck 	Mine Operator/ Director



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APPENDIX – 3 Environmental Incident Response Guidelines – The following should be the minimum actions taken if an incident occurs.

INCIDENT RESPONSE PROCEDURES		
Type of Incident	Actions to be undertaken	Responsible
Storage of Hazardous Substances (Major spill)	<ul style="list-style-type: none">• Notify Emergency Services (if required)• Use a spill kit or quarrying sand• Quarry Manager report spill to the General Manager - Quarries immediately• Work to stop and area evacuated if required• Director / Chief Operating Officer shall report the spill to the relevant authorities• Do not disturb the area• Follow directions from Emergency Services and Authorities• Dispose of contaminated materials at authorised disposal sites	Quarry Manager / General Manager - Quarries / Director
Storage of Hazardous Substances (Minor spill)	<ul style="list-style-type: none">• Contain spill using a spill kit	Quarry Manager



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INCIDENT RESPONSE PROCEDURES		
Type of Incident	Actions to be undertaken	Responsible
Major Fuel Storage (ground contamination)	<ul style="list-style-type: none"> • Notify Emergency Services (if required) • Contain spill using a spill kit • Quarry Manager report spill to the General Manager - Quarries immediately • Work to stop and area evacuated if required • Director / Chief Operating Officer shall report the contamination to the relevant authorities • Notify neighbours • Do not disturb the area • Follow directions from Emergency Services and Authorities 	Quarry Manager / General Manager - Quarries / Director
Fire to plant or surrounding areas (Major)	<ul style="list-style-type: none"> • Notify Emergency Services • Quarry Manager to evacuate the area immediately • Quarry Manager report fire to the General Manager - Quarries immediately • Director / Chief Operating Officer shall report the fire to the relevant authorities • Notify neighbours • Notify community (if required) 	Quarry Manager / General Manager - Quarries / Director



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INCIDENT RESPONSE PROCEDURES		
Type of Incident	Actions to be undertaken	Responsible
Fire to plant or surrounding areas (Minor)	<ul style="list-style-type: none">• Fire to be extinguished immediately using a fire extinguisher or water truck• Quarry Manager report fire to the General Manager - Quarries immediately• Director / Chief Operating Officer shall report the fire to the relevant authorities	Quarry Manager / General Manager - Quarries / Director
Sediment ponds	<ul style="list-style-type: none">• Use a spill kit or quarrying sand to stop contamination• Quarry Manager report contamination to the General Manager - Quarries immediately• Work to stop if required• Director / Chief Operating Officer shall report the spill to the relevant authorities• Do not disturb the area• Follow directions from Authorities• Notify neighbours if required	Quarry Manager / General Manager - Quarries / Director
Plant leaking fluids and chemicals	<ul style="list-style-type: none">• Contain spill using a spill kit	Quarry Manager



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INCIDENT RESPONSE PROCEDURES		
Type of Incident	Actions to be undertaken	Responsible
Explosion from explosive materials	<ul style="list-style-type: none">• Stop work immediately and evacuate the areas• Quarry Manager report explosion to the General Manager - Quarries immediately• Director / Chief Operating Officer shall report the explosion to the relevant authorities• Do not disturb the area• Follow directions from Authorities• Notify neighbours• Notify community (update website)	Quarry Manager / General Manager - Quarries / Director
Air Quality – emissions (Major)	<ul style="list-style-type: none">• Stop work immediately and evacuate the areas• Quarry Manager report omissions to the General Manager - Quarries immediately• Director / Chief Operating Officer shall report the issue to the relevant authorities• Do not disturb the area• Follow directions from Authorities• Notify neighbours• Notify community (update website)	Quarry Manager / General Manager - Quarries / Director
Air Quality – emissions (Minor)	<ul style="list-style-type: none">• Use water truck	Quarry Manager



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APPENDIX – 4 Neighbour contact details

Whilst personal contact details are available in the controlled onsite Pollution Incident Response Management Plan they do not appear in this public document.



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APPENDIX – 5 Testing and Updating of the PIRMP

PIRMP Testing Details

Date Tested	Location	Tested By	Details of Test	Finding of Test (including issues identified)	Next scheduled testing date
26.06.20	Bombala Quarry	Ben Moore Stephen Tibbles	Dam / Sediment Pond Overflow	Dam to be cleaned out to restore storage level – fine sludge could escape and continue to flow downhill.	on or before 26 June 2020
28.07.20	Warrumbui Pit (Church Pit)	Ben Moore Andrew Bell Lincoln King	Fire to plant or surrounding area	Fire did not spread to surrounding grassland. Ensure mobile equipment is set up away from grass or other potential fuel loads. Observe ‘total fire ban’ advice where appropriate to the task.	on or before 28 July 2020
29.07.20	“High Forest” Quarry (Nerriga)	Ben Moore Darren Smith Dave Thompson Ricky Hayes	Fire to plant or surrounding area	Fire did not spread to surrounding grassland. Ensure mobile equipment is set up away from grass or other potential fuel loads – potential grass / bush fire if not contained.	on or before 29 July 2021
29.07.20	Rivervale Quarry (Larbert)	Ben Moore Darren Smith Dave Thompson Ricky Hayes	Fire to plant or surrounding area	Fire did not spread to surrounding grassland. Ensure mobile equipment is set up away from grass or other potential fuel loads – potential grass / bush fire if not contained.	on or before 29 July 2021
09.09.20	Monaro Basalt Quarry (Nimmitabel)	Jason McCamish Peter Lewis	Contamination Diesel Fuel – Engine/Hydraulic Oil Spill (<1,000L)	Spill contained with absorbent bunding from spill kit and soaked up with absorbent pads. Ensure self-bunded tanks are in place and are bunded to the capacity of the tank and that spill kits are regularly inspected.	on or before 9 September 2020



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PIRMP Update Details

Date Update Occurred	Reason for Update	Details of Updates	Date the updated version uploaded to website	Date of completion
22.07.2020	Current PIRMP compared to guidelines and template provided by the NSW EPA. Updates and additions made to ensure PIRMP is compliant.	Updates: <ul style="list-style-type: none">- Responsible SQ persons during an environmental incident Additions: <ul style="list-style-type: none">- Relevant Authority contact details- Appendix 1: EPL details- Appendix 4: Neighbour contact details- Appendix 5: Testing and updating the PIRMP	23.09.2020	22.09.2020