AIR QUALITY MANAGEMENT PLAN

Oberon Quarries Pty Ltd

V7 May 2025

Document Status

Rev No.	Reviewer		Approved for Issue	
	Name	**Date**	**Name**	**Date**
1	Emma Mudford (Umwelt (Australia) Pty Limited)	March 2016	Peter Jamieson (Umwelt (Australia) Pty Limited)	March 2016
2	Emma Mudford (Umwelt (Australia) Pty Limited)	May 2016	Peter Jamieson (Umwelt (Australia) Pty Limited)	May 2016
3	Rod Williams (Umwelt (Australia) Pty Limited)	August 2017	Luke Bettridge (Umwelt (Australia) Pty Limited)	August 2017
4	Rod Williams (Umwelt (Australia) Pty Limited)	3 May 2018	Luke Bettridge (Umwelt (Australia) Pty Limited)	3 May 2018
5	Rod Williams (Umwelt (Australia) Pty Limited)	16 May 2018	Luke Bettridge (Umwelt (Australia) Pty Limited)	16 May 2018
6	Emma Terracini (Oberon Quarries Pty Ltd)	23 January 2023	Jake Hargraves (Oberon Quarries Pty Ltd)	23 January 2023
7	Emma Terracini (Oberon Quarries Pty Ltd)	29th April 2025	Jake Hargraves	May 2025

Version 7:

Changes since last revision	Reviewer	Date
New graphic Figure 3.1 page 9 inserted to reflect changes in property ownership from private to Oberon Quarries Pty Ltd.	Emma Terracini	29th April 2025

Table of Contents

Figures

Tables

Appendices

1.0 Introduction

1.1 Background

Oberon Quarries Pty Ltd (Oberon Quarries) operates Oberon Quarry, an existing hard rock quarry (the Quarry) located approximately 4 kilometres (km) south of Oberon, New South Wales (NSW) (refer to **Figure 1.1**). Oberon Quarries has been operating at the site since 1995. The original Oberon Quarries Development Consent (DA92/164) was granted on 1 October 1993 by the NSW Minister for Planning and was surrendered on 2 December 2015. The existing operations have been developed in accordance with DA92/164 (incorporating the 2000, 2002, 2004, 2007 and 2013 modifications) and Environment Protection Licence (EPL) 4442.

On 14 September 2015, Oberon Quarries was granted Development Consent (SSD_6333) (Development Consent) for Oberon Quarry Continuation Project by the NSW Minister for Planning to extend the life of the Quarry for an additional 30 years.

The Development Consent allows for continued operations of the Quarry including increasing the extraction area by approximately 1 hectare (ha) to avoid sterilisation of a small section of additional high quality basalt resources. The Development Consent provides for a maximum production level of 400,000 tonnes per annum (tpa) and the transport of up to 3000 tonnes per day of quarry product from the Quarry.

Oberon Quarries is committed to implementing continued quarrying operations in the context of updated and contemporary environmental management requirements. This Air Quality Management Plan (AQMP) has been prepared in accordance with Schedule 3, Condition 12 of the Development Consent.

1.2 Project Description

The Oberon Quarries Development Consent (SSD_6333) provides for the following:

- continued quarrying operations within the area approved under SSD_6333 until 30 August 2045
- retaining the current maximum production level of 400,000 tpa and transport of a maximum 3000 tonnes per day of product from the Quarry
- replacement of some of the existing screening plant, reconfiguration of the alignment of screens and the inclusion of an additional cone crusher
- inclusion of a second diesel fuel storage tank of approximately 28,000 litre capacity
- inclusion of a 1.0 ha extension to the existing extraction area to avoid the sterilisation of approximately 500,000 tonnes of high quality basalt resource
- inclusion of a Finlay 750e Hydrasander (or equivalent) to separate silt and clay from sand size particles in the crusher fines
- duplication of approximately a 180 metre (m) section of the internal haul road to improve road safety and
- continued extraction of the high quality basalt from the existing extraction areas as required, with extraction at times occurring on the upper and lower benches.

1.3 Purpose and Scope

The purpose of this AQMP is to provide a description of the measures to be implemented by Oberon Quarries to manage air quality at the Quarry and to detail the air quality monitoring requirements associated with the operation. This AQMP also provides a mechanism for assessing air quality monitoring results against the relevant air quality impact assessment criteria and operating conditions.

This AQMP addresses the requirements detailed in the Development Consent. The Development Consent conditions and Statement of Commitments relevant to this plan are provided in **Sections 2.1** and **2.2** respectively, including a checklist of where each condition has been addressed within this document.

This plan outlines the control measures to be implemented as part of the continued operations at the Quarry to minimise the potential air quality impacts on the local community.

1.4 Objectives

The objectives of this AQMP include the following:

- detail the controls to be implemented to minimise dust generation from operations
- establish a system to assess the air quality impact on surrounding receivers
- provide a mechanism to assess monitoring results against air quality impact assessment criteria
- provide an air quality protocol for determining exceedances of the relevant criteria
- manage air quality related community complaints in a timely and effective manner and
- provide management commitments and strategies for dealing with air quality related issues.

Figure 1.1 **Locality Plan**

2.0 Regulatory Requirements

2.1 Development Consent

The Development Consent for the Oberon Quarry Continuation Project was assessed under the *Environmental Planning and Assessment Act 1979* (EP&A Act). Approval for the project was granted by the Minister for Planning on 14 September 2015. The requirement for this AQMP arises from Schedule 3, Conditions 10 to 13 of the Oberon Quarry Development Consent. The requirements from the Development Consent relating to air quality, and where these requirements are addressed within this document, are provided in **Table 2.1**.

Table 2.1 Development Consent Conditions

Conditions		Addressed in Section
Schedule 3 – Environmental Performance Conditions Air Quality Impact Assessment Criteria		
10	The Applicant shall ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the development do not cause exceedances of the criteria in Table 4: Air Quality Criteria at any residence on privately-owned land.	**Section 5.0**
Schedule 3 – Environmental Performance Conditions Operating Conditions		
11	The Applicant Shall:	
	(a) implement best practice management to minimise the dust emissions of the development;	**Section 5.0**
	(b) regularly assess meteorological and air quality monitoring data and relocate, modify and/or stop operations on site to ensure compliance with the air quality criteria in this consent;	**Section 6.0**
	(c) minimise the air quality impacts of the development during adverse meteorological conditions and extraordinary events (see note d under Table 4);	**Section 6.0**
	(d) monitor and report on compliance with the relevant air quality conditions in this consent;	**Sections 6.0** and **7.0**
	(e) implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site; and	**Section 5.0**
	(f) minimise the area of surface disturbance and undertake progressive rehabilitation of the site, to the satisfaction of the Secretary.	**Section 5.0**
Schedule 3 – Environmental Performance Conditions Air Quality Management Plan (AQMP)		
12	The Applicant shall prepare and implement an AQMP for the development to the satisfaction of the Secretary. This plan must:	**This document**
	(a) be submitted to the Secretary for approval within 6 months of the date of this consent, unless otherwise agreed by the Secretary;	**Appendix 1**
	(b) describe the measures that would be implemented to ensure compliance with the air quality criteria and operating conditions under this consent;	**Sections 5.0** and **6.0**
	(c) describe the proposed air quality management system;	**Sections 5.0** and **6.0**

Conditions		Addressed in Section
	(d) include an air quality monitoring program that: • is capable of evaluating the performance of the development; • includes a protocol for determining any exceedances of the relevant conditions of consent; • effectively supports the air quality management system; and • evaluates and reports on the adequacy of the air quality management system.	**Sections 6.0** and **7.0**
Schedule 3 – Environmental Performance Conditions **Air Quality Management Plan**		
13	For the life of the development, the Applicant shall ensure that there is a suitable meteorological station operating in the vicinity of the site that complies with the requirements in the Approved Methods for Sampling of Air Pollutants in New South Wales guideline.	**Section 0**
Schedule 5 – Environmental Management, Reporting and Auditing Management Plan Requirements		
2	The Applicant shall ensure that the management plans required under this consent are prepared in accordance with any relevant guidelines, and include:	
	(a) detailed baseline data;	**Section 3.0**
	(b) a description of: • the relevant statutory requirements (including any relevant approval, licence or lease conditions); • any relevant limits or performance measures/criteria; and • the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures;	**Sections 2.0** and **4.0**
	(c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;	**Section 5.0**
	(d) a program to monitor and report on the: • impacts and environmental performance of the development; and effectiveness of any management measures (see (c) above);	**Sections 6.0** and **7.0**
	(e) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;	**Section 7.2.1**
	(f) a program to investigate and implement ways to improve the environmental performance of the development over time;	**Section 8.0**
	(g) a protocol for managing and reporting any: • incidents; complaints; non-compliances with statutory requirements; and • exceedances of the impact assessment criteria and/or performance criteria; and	**Section 7.0**
	(h) a protocol for periodic review of the plan.	**Section 8.0**
Schedule 5 – Environmental Management, Reporting and Auditing **Annual Review**		

Conditions		Addressed in Section
9	By the end of March each year, or other timing as may be agreed by the Secretary, the Applicant shall review the environmental performance of the development to the satisfaction of the Secretary. This review must:	**Section 7.0**
	(a) describe the development (including any rehabilitation) that was carried out in the previous calendar year, and the development that is proposed to be carried out over the current calendar year;	
	(b) include a comprehensive review of the monitoring results and complaints records of the development over the previous calendar year, which includes a comparison of these results against the: • relevant statutory requirements, limits or performance measures/criteria; • requirements of any plan or program required under this consent; • monitoring results of previous years; and • relevant predictions in the EIS;	
	(c) identify any non-compliance over the past calendar year, and describe what actions were (or are being) taken to ensure compliance;	
	(d) identify any trends in the monitoring data over the life of the development;	
	(e) identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and	
	(f) describe what measures will be implemented over the current calendar year to improve the environmental performance of the development.	
Schedule 5 – Environmental Management, Reporting and Auditing **Access to Information**		
12	Within 6 months of the date of this consent, the Applicant shall:	
	(a) make the following information publicly available on its website: • the documents listed in condition 2 of Schedule 2; • current statutory approvals for the development; • all approved strategies, plans and programs required under the conditions of consent; • a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of the consent, or any approved plans and programs; • a complaints register, updated monthly; • the annual reviews of the development; • any independent environmental audit, and the Applicant's response to the recommendations in any audit; and • any other matter required by the Secretary.	**Sections 6.0** and **7.0**
	(b) keep this information up-to-date, to the satisfaction of the Secretary.	**Section 8.0**

2.2 Statement of Commitments

The statement of commitments relevant to the AQMP, and where they are addressed in this document, is detailed in **Table 2.2**.

Table 2.2 Statement of Commitments

Commitment	Addressed in Section
Oberon Quarries has committed to implementing the following dust management and mitigation practices: • regular watering of unsealed haul roads within the extraction and processing areas and working areas • mist sprays on conveyors discharging to product stockpiles • limiting vehicles speeds on unsealed surfaces to 30 km/h • progressive stabilisation/rehabilitation of exposed areas no longer needed for operational purposes • rehabilitating the final landform surface as soon as practical • minimisation of the total disturbed/working areas at any one time • implementing temporary stabilisation measures (e.g. cover crops or mulch) on disturbed areas as soon as practical, if rehabilitation is not to be undertaken within the coming three months • where practical/possible conduct drilling and blasting during suitable meteorological conditions (i.e. not during high winds) • drill holes will be capped with stemming to restrict the upward emission of dust • undertaking preventative maintenance on all dust suppression plant and equipment • truck wheel wash facility will be maintained and fully functional • covering of all laden trucks leaving the site • monitoring of depositional dust levels and analysis of the data for trends (refer to **Figure 6.1** for locations). Oberon Quarries will continue to implement the existing air quality monitoring program which comprises 4 dust deposition gauges and monitor the dust levels at these locations at monthly sample intervals. The above are considered the only feasible measures available to mitigate air quality impacts.	**Section 5.0**

3.0 Baseline Data

3.1 Existing Environment

3.1.1 Dust Concentration

As detailed within the Proposed Extended Life of Operations and Development Changes to Oberon Quarry, Environmental Impact Statement (EIS) (Umwelt 2015), background TSP and PM_{10} air quality monitoring data is not available for the Oberon area. The nearest air quality monitoring station to the Quarry is the EPA's Bathurst air quality monitoring station. The Bathurst station has therefore been used to represent the background air quality levels for air impact assessment purposes.

The highest predicted ground level concentrations for PM_{10}, TSP and dispositional dust at all sensitive receiver locations were modelled under all metrological scenarios. No exceedances of the 24 hour average PM_{10} criteria of 50 $\mu g/m^3$ was experienced at the station.

From the available monitoring data, the following background concentrations have been applied to the Project:

- annual average TSP of 90 $\mu g/m^3$
- 24-hour average PM_{10} of 50 $\mu g/m^3$
- annual average PM_{10} of 30 $\mu g/m^3$
- annual average dust deposition of 4 g/m^2/month.

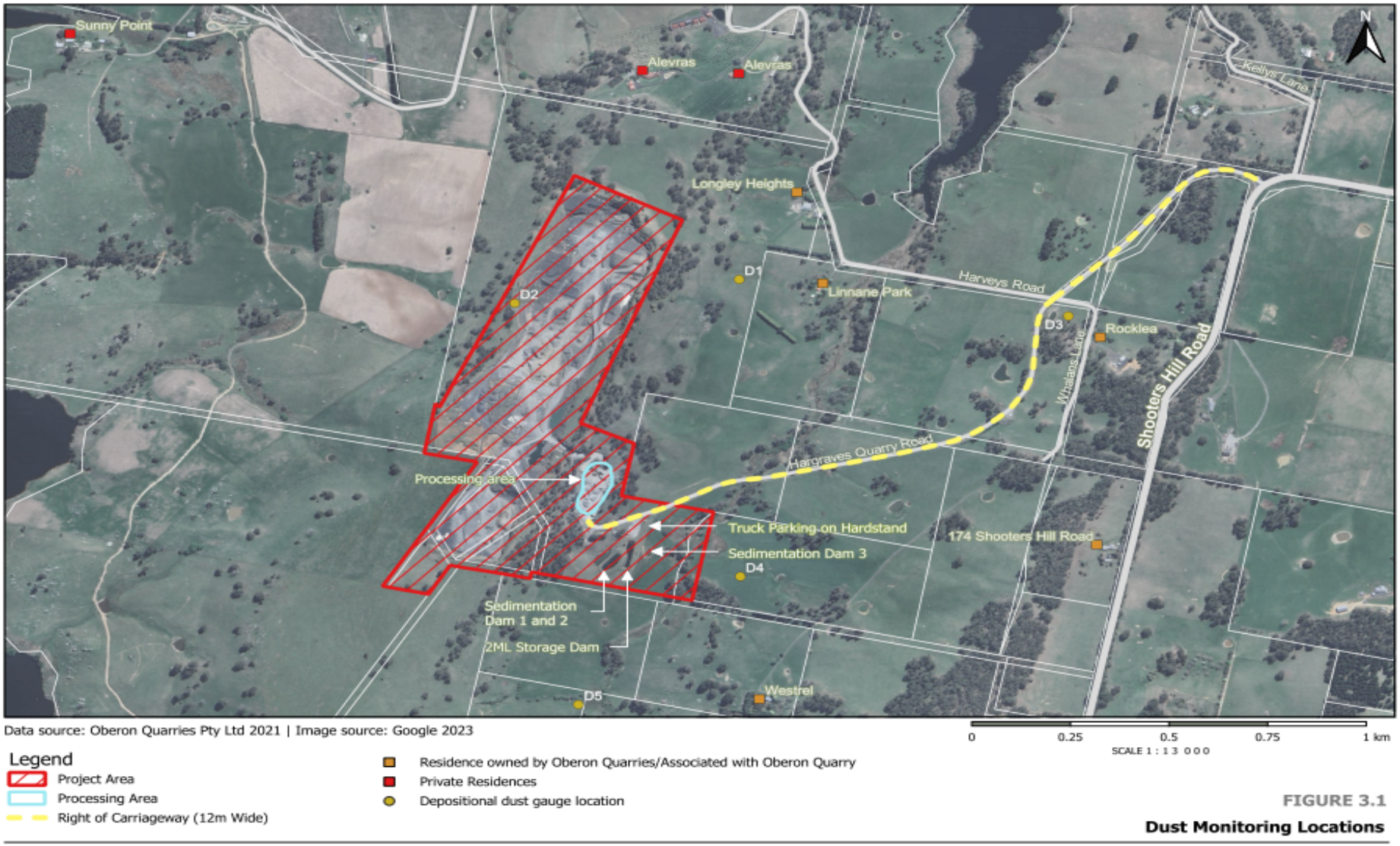
3.1.2 Dust Deposition

Oberon Quarries has monitored dust deposition on a monthly basis at 4 locations (refer to **Figure 3.1**). The annual average dust deposition levels ranged between 1.05 g/m^2/month and 26.3 g/m^2/month at the 4 locations between 2003 and 2015. These results show that the recorded levels have been generally below the relevant EPA air quality criteria of 4 g/m^2/month annual average except for a two instances in May and September 2015 when dust deposition levels of 19.8 g/m^2/month and 26.3 g/m^2/month were recorded. It is considered that elevated dust deposition levels recorded in 2015 are a result of farming activities in the surrounding area. Dust deposition levels are continuing to be reviewed.

The results of the air quality modelling as undertaken for the EIS have identified that the Quarry will comply with the relevant air quality criteria at all nearby sensitive receiver locations under worst case operating conditions.

The Quarry has operated 1995 and over this time there have been no recorded concerns or complaints in regards to impacts on air quality.

Figure 3.1 Dust Monitoring Locations



4.0 Air Quality Criteria

Goals for dust concentration are referred to as long term (annual average) and short term (24 hour maximum) goals. The goals relate to the total ambient dust concentrations and dust deposition levels, i.e. quarry contribution in addition to the background contribution. Schedule 3, Condition 10 of the Development Consent specifies the air quality criteria for the Quarry. The Development Consent criteria for particulate matter are outlined in **Table 4.1**.

Table 4.1 Air Quality Criteria

Pollutant	Averaging period	Criterion	
Particulate matter < 10 µm (PM_{10})	Annual	[a, d] 30 µg/m^3	
Particulate matter < 10 µm (PM_{10})	24 hour	[b] 50 µg/m^3	
Total suspended particles (TSP)	Annual	[a, d] 90 µg/m^3	
[c] Deposited dust	Annual	[b 2] g/m$^{2/month}$	[a,d 4] g/m$^{2/month}$

Notes to **Table 4.1:**

a *Cumulative impact (ie increase in concentrations due to the development plus background concentrations due to all other sources).*

b *Incremental impact (ie increase in concentrations due to the development alone, with zero allowable exceedances of the criteria over the life of the development.*

c *Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003: Methods for Sampling and Analysis of Ambient Air - Determination of Particulate Matter - Deposited Matter - Gravimetric Method.*

d *Excludes extraordinary events such as bushfires, prescribed burning, dust storms, sea fog, fire incidents or any other activity agreed by the Secretary.*

e *"Reasonable and feasible avoidance measures" includes, but is not limited to, the operational requirements in conditions 11 and 12 to develop and implement an air quality management system that ensures operational responses to the risks of exceedance of the criteria.*

5.0 Air Quality Management Controls

Oberon Quarries is committed to implementing all reasonable and feasible air quality mitigation measures, to reduce the potential impact of the operation on sensitive receivers.

In order to mitigate any potential air quality impacts from the operation, a number of air quality management controls will be implemented throughout the life of the operation. These controls are outlined in:

- the Oberon Quarry Proposed Extended Life of Operations and Development Changes Environmental Impact Statement (Umwelt 2015)
- the Development Consent air quality management conditions (Schedule 3, Conditions 10 to 13)
- general management plan requirements listed in Schedule 5, Condition 2 of the Development Consent, and
- the Development Consent Statement of Commitments (Appendix 2 of the Development Consent).

5.1 General Controls

Control measures that have been considered as a standard part of the operation of the Quarry and incorporated include:

- regular watering of unsealed haul roads within the extraction and processing areas and working areas
- mist sprays on conveyors discharging to product stockpiles
- limiting vehicles speeds on unsealed surfaces to 30 km/h
- progressive stabilisation/rehabilitation of exposed areas no longer needed for operational purposes
- rehabilitating the final landform surface as soon as practical
- minimisation of the total disturbed/working areas at any one time
- implementing temporary stabilisation measures (e.g. cover crops or mulch) on disturbed areas as soon as practical, if rehabilitation is not to be undertaken within the coming three months
- drilling and blasting will be conducted during suitable meteorological conditions (i.e. not during high winds), unless there is a safety or environmental risk and the activity has to proceed (refer **Section 6.3**)
- drill holes will be capped with stemming to restrict the upward emission of dust
- undertaking preventative maintenance on all dust suppression plant and equipment
- truck wheel wash facility will be maintained and fully functional
- covering of all laden trucks leaving the site and
- monitoring of depositional dust levels and analysis of the data for trends (refer to **Figure 3.1** for locations).

- regular inspection for visible dust and implementation of appropriate controls if excessive dust is observed.

- the Quarry Manager will relocate, modify, stop operations and/ or implement more frequent or additional mitigation measures should dust emissions be observed, which have the potential to result in an exceedance of air quality criteria detailed in Schedule 3 Condition 10 of the Development Consent

- limiting or eliminating as necessary dust generated activities during periods of high winds

5.2 Greenhouse Gas Minimisation Measures

Greenhouse gas emissions are minimised through the day to day operational decisions of the Quarry Manager. The main mitigation and management measures for the Quarry's operation are as follows:

Improving Transport Diesel Use efficiency

- Limiting the length of transport routes
- Fuel efficient haul trucks
- Maximising payloads
- Reducing idling times

Improving on-site diesel use efficiency

- Scheduling activities so that equipment and vehicle operation is optimised.
- Fuel efficient equipment
- Blast strategies to improve extraction efficiency
- Working machines to their upper design performance

Haul Truck Options

- Limiting the length of material haul routes
- Optimising ramp gradients
- Fuel efficient haul trucks
- Maximising payloads
- Improving rolling resistance of haul roads, by using crusher dust across the quarry floor to create a smooth running surface
- Reducing idling times
- Improving Electrical efficiency of processing equipment
- Reducing reject percentage
- High efficiency motors
- Variable speed drives

Fuel efficiency is also considered when purchasing major items of plant and equipment.

6.0 Air Quality Monitoring

Air quality monitoring requirements for the operation are provided in Schedule 3, Conditions 11 (b) and 12 (d) of the Development Consent. Air quality monitoring will be undertaken in accordance with Schedule 3, Condition 12 of the Development Consent and in accordance with the requirements of EPL 4442. This includes the requirement to measure the dust generated by the development in accordance with the Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales (EPA 2007).

6.1 Monitoring Standards

The dust deposition gauges will be operated in accordance with AS/NZS 3580.10.1:2003 Methods for Sampling and Analysis of Ambient Air – Determination of Particulate Matter – Deposited Matter – Gravimetric Method.

6.2 Air Quality Compliance Assessment

Oberon Quarries will continue to implement the existing air quality monitoring program which comprises monthly monitoring of dust deposition levels at 4 locations (refer to **Figure 3.1)** as an indicator of overall air quality performance of quarry operations.

Measured dust deposition levels will be assessed against the criteria given in **Table 4.1**.

The Quarry has operated since 1995 without any significant complaints in regard to TSP or PM_{10}. It is proposed that TSP and PM_{10} concentrations set out in **Table 4.1** will be assumed to be complied with and not be monitored unless complaints in regard to TSP or PM_{10} concentrations. Dust deposition monitoring will continue on a monthly basis.

6.3 Meteorological Monitoring

The meteorological monitoring data obtained from the meteorological station will be in accordance with the requirements of Schedule 3, Condition 13 of the Development Consent.

Ongoing monitoring of meteorological conditions is to be undertaken and recorded prior to drilling and blasting occurring. Within 2 hours of setting up the site for drilling or blasting the Quarry Manager will make a decision giving consideration to the activity's impact on compliance with air quality criteria detailed in Schedule 3 Condition 10 of the Development Consent, as to whether or not blasting can proceed. Once the decision has been made to proceed with blasting and the site has been established for blasting, the activity will proceed until all blasts have been detonated to ensure the safety of workers and the general public. Any exceedances resulting in this activity will reported as per **Section 7.2**.

6.4 Independent Review

A landowner may request an independent review of the air quality impacts at their property. If this occurs, the independent review will be conducted in accordance with the procedure described in Schedule 4, Condition 2 of the Development Consent.

7.0 Reporting

7.1 External Reporting

A summary of air quality monitoring results will be provided in the Oberon Quarry Annual Review, in accordance with Schedule 5, Condition 9 of the Development Consent.

By the end of March each year Oberon Quarries shall review the environmental performance of the development to the satisfaction of the Secretary. The requirements of the review are detailed in **Table 2.1.**

In addition, in accordance with *Protection of the Environment Legislation Amendment Act 2011* (Amendment Act) and Schedule 5, Condition 12 of the Development Consent, Oberon Quarries will also publish air quality monitoring results on the Oberon Quarries website (http://www.oberonquarries.com.au).

Oberon Quarries has been operating for the last 20 years and has established relationships with the surrounding residences (refer to **Figure 3.1**). The Quarry Manager maintains regular contact with the few residences that reside within the vicinity of the operation.

7.2 Air Quality Criteria Exceedance Reporting Protocol

Exceedances of air quality criteria should they occur, will be classified as an environmental incident and will be managed in accordance with the Oberon Quarry Environmental Management Strategy (EMS) (Umwelt, 2016) which includes a procedure for the management of environmental incidents and community complaints. In accordance with this procedure, all environmental incidents will be investigated to a level commensurate to their risk level by the Quarry Manager in consultation with environmental personnel from Oberon Quarries. Additional controls will be implemented where required, based on the outcomes of the investigation. All environmental incidents/exceedances will be reported annually in the Annual Review.

Incidents that have caused, or threaten to cause material harm to the environment will be reported to the DPE, EPA and relevant stakeholders immediately once Oberon Quarries becomes aware of the incident in accordance with Oberon Quarry's Pollution Incident Response Management Plan (PIRMP). Reporting for material harm incidents will be undertaken in accordance with Schedule 5, Condition 7 of the Development Consent.

In accordance with Schedule 5, Condition 7 of the Development Consent, in the event of an environmental incident/exceedance, the Quarry Manager or their delegate will immediately notify the Secretary and any other relevant agencies of any incident. Within 7 days of the date of the incident, Oberon Quarries will provide the Secretary and relevant agencies with a detailed report on the incident, and any further reports that may be requested.

Additionally, in accordance with Schedule 4, Condition 1 of the Development Consent, in the event an exceedance of the air quality impact assessment criteria is identified, Oberon Quarries will notify any affected landowner(s) and provide regular monitoring results to each of these parties until the results show that the operation is complying with the relevant criteria (refer to **Section 4**).

7.2.1 Adaptive Management

In accordance with Schedule 5, Condition 6 of the Development Consent, Oberon Quarries will assess and manage air quality related risks to ensure compliance with the criteria outlined in **Section 4**.

Where a non-compliance relating to air quality impact has occurred, Oberon Quarries, at the earliest opportunity will:

- take all reasonable and feasible steps to ensure the exceedance ceases and does not re-occur
- consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any preferred remediation measures or other course of action, and
- implement remediation measures as directed by the Secretary,

to the satisfaction of the Secretary.

7.3 Complaint Response

Complaints relating to air quality from the Oberon Quarry will be managed in accordance with the requirements of the Oberon Quarries EMS (Umwelt, 2016) and Complaints Management Policy and Procedure. In accordance with Condition M5 of EPL 4442, a community complaints line is operated by Oberon Quarries during the hours of operation. The complaints line is displayed on Oberon Quarries website (http://oberonquarries.com.au/).

The Complaints Line number is (02) 6336 0259.

The Complaints line has been operational for many years and provides the community with a mechanism by which to raise any concerns that they have with operations at Oberon Quarry. The Quarry Manager is responsible for the implementation of the complaints management process and will ensure a timely initial response to any complaints received and then, as appropriate, will provide a more detailed response outlining any complaint investigation findings and corrective actions implemented.

Records of complaints will be kept for a minimum of four years in a register to be maintained by the Quarry Manager, the complaints register is available on Oberon Quarries website. This register will be updated when/if a genuine notifiable complaint is received. The community complaints will also be reported annually in the Annual Review.

8.0 Review and Improvement

Ongoing monitoring and review on the performance and implementation of this AQMP will be undertaken in accordance with Oberon Quarry EMS (Umwelt, 2016).

In accordance with Schedule 5, Condition 5 of the Development Consent, Oberon Quarries shall review, and if necessary revise, the strategies, plans, and programs required under Development Consent to the satisfaction of Secretary, within 3 months of the submission of an:

(a) *incident report under condition 7 below;*

(b) *annual review under condition 9 below;*

(c) *audit report under condition 10 below; and*

(d) *any modifications of this consent,*

the Applicant shall review the strategies, plans, and programs required under this consent, to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted for the approval of the Secretary.

The Quarry Manager and Oberon Quarries environmental personnel will review and if necessary, revise this AQMP and resubmit to DPE as detailed above.

Any changes made to the AQMP as a result of the review will be made in consultation with relevant stakeholders. A copy of the revised AQMP will be supplied to the Secretary for approval. The AQMP will reflect changes in environmental requirements, technology and operational procedures. Updated versions of the approved AQMP will be made publicly available on the Oberon Quarries website (http://oberonquarries.com.au/).

Continuous improvement will also occur through independent review as a result of the 3-yearly compliance audit, which is required in accordance with Schedule 5, Condition 10 of the Development Consent.

9.0 Definitions

The terminology used within this AQMP is defined in **Table 9.1** below.

Table 9.1 Definitions

Term	Definition
Dust Deposition	Dust particles that settle out from the air – measured in grams per square metre per unit time (g/m^2/month).
Incident	A set of circumstances that causes or threatens to cause material harm to the environment, and/or breaches or exceeds the limits of performance measures/criteria in the Project Approval.
Non-compliance	Occurs when environmental monitoring results fall outside acceptable regulatory limits (i.e. Development Consent or EPL criteria).
PM_{10}	Particulate matter less than 10 micrometres (µm) in size.
$PM_{2.5}$	Particulate matter less than 2.5 micrometres (µm) in size.
TSP	Total Suspended Particulates ($\mu g/m^3$). The nominal size of this fraction has particles with a diameter of up to 50 micrometres (µm).
$\mu g/m^3$	Micrograms per cubic metre.

10.0 Accountabilities

Relevant roles and responsibilities associated with this AQMP are presented in **Table 10.1** below.

Table 10.1 Accountabilities

Role	Accountabilities for this document
Quarry Manager	Implementation of air quality control measures, monitoring and reporting.

11.0 References

NSW Environment Protection Authority (EPA), 2007. Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales.

Standards Australia, AS/NZS 3580.10.1:2003 Methods for Sampling and Analysis of Ambient Air – Determination of Particulate Matter – Deposited Matter – Gravimetric Method.

Umwelt (Australia) Pty Limited, 2016. Environmental Management Strategy. Report prepared for Oberon Quarries Pty Limited

Umwelt (Australia) Pty Limited, 2015. Proposed Extended Life of Operations and Development Changes to Oberon Quarry, Environmental Impact Statement, Report prepared for Oberon Quarries Pty Limited.

Appendix – Air Quality Management Plan Approval – insert new approval