



NOISE MANAGEMENT PLAN

Oberon Quarries Pty Ltd

V6_2025

Document Status

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Table of Contents

1.0	Introduction	1
1.1	Background	1
1.2	Project Description	1
1.3	Purpose and Scope	2
1.4	Objectives	2
2.0	Regulatory Requirements	4
2.1	Development Consent	4
2.2	Statement of Commitments	6
3.0	Baseline Data	8
3.1	Existing Noise Environment	8
4.0	Noise Criteria	10
5.0	Noise Management Controls	11
5.1	Hours of Operation	11
5.2	General Controls	12
6.0	Noise Monitoring	13
6.1	Event Based Attended Noise Monitoring	13
6.1.1	Assessable Meteorological Conditions	14
6.1.2	Noise Compliance Assessment	14
6.2	Meteorological Monitoring	14
6.3	Independent Review	15
7.0	Reporting	15
7.1	External Reporting	16
7.2	Noise Complaint Reporting Protocol	16
7.2.1	Adaptive Management	16
7.3	Complaint Response	17
8.0	Review and Improvement	17
9.0	Definitions	18
10.0	Accountabilities	19
11.0	References	20

Figures

Figure 1.1	Locality Plan	3
Figure 3.1	Private Residences in the Vicinity of Oberon Quarry	9

Tables

Table 2.1	Development Consent Conditions	4
Table 2.2	Statement of Commitments	7
Table 3.1	Intrusive and Amenity Assessment Criteria	8
Table 4.1	Development Consent Noise Criteria dB (A)	10
Table 5.1	Operating Hours	11
Table 9.1	Definitions	19
Table 10.1	Accountabilities	20

Appendices

Appendix 1	Noise Management Plan Approval	21
Appendix 2	Noise Agreements	22
Appendix 3	DP&E Noise Monitoring Discontinuation Approval	24
Appendix 4	Copy of the DP&E Noise Monitoring Discontinuation Approval Letter provided to Landowners	25

1.0 Introduction

1.1 Background

Oberon Quarries Pty Ltd (Oberon Quarries) operates an existing hard rock quarry (the Quarry) located approximately 5 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 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 the continuation Project by the NSW Minister for Planning to extend the life of the Quarry for an additional 30 years (until 30 August, 2045).

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 (SSD_6333) 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 environmental management requirements.

This Noise Management Plan (NMP) has been prepared in accordance with Schedule 3, Condition 5 of the Development Consent. As discussed in **Section 6.1**, in accordance with Schedule 3, Condition 3 of the Development Consent, Oberon Quarries has established an agreement with relevant landowners to exceed the noise criteria in the Development Consent (refer to **Appendix 2**). Oberon Quarries notified the Secretary of these agreements on 25 January 2017. In addition, Oberon Quarries has obtained approval from the Secretary on 2 February 2017 to discontinue noise monitoring with this NMP updated to reflect the changes in noise monitoring requirements (refer to **Appendix 3**).

At the time of reviewing this document April 23, 2025, no complaints nor request to amend these agreements had taken place from the above agreement signatories; with both still owners of the properties.

Noise monitoring will be undertaken if a noise complaint relating to the Quarry operations is unable to be resolved by Oberon Quarries or a landowner requests the Department of Planning and Environment (DPE) to reinstate more frequent monitoring to assess compliance with relevant criteria (refer to **Appendix 3**).

1.2 Project Description

The Development Consent (SSD_6333) provides for the following:

- quarrying operations within the area approved under SSD_6333 until 30 August 2045
- a maximum production level of 400,000 tpa and maximum daily transport of 3000 tonnes of quarry product
- replacement of some of the existing screening plant, reconfiguration of the alignment of screens and the inclusion of an additional cone crusher
- a second diesel fuel storage tank of approximately 28,000 litre capacity installed
- 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 NMP is to provide a description of the measures implemented by Oberon Quarries to manage noise at the Quarry and to detail the noise monitoring requirements associated with the operation. As detailed in the following sections, Oberon Quarries has obtained approval from DPE to discontinue noise monitoring. Should noise monitoring be reinstated then this NMP will provide a mechanism for assessing noise monitoring results against the relevant noise impact assessment criteria.

This NMP 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.

1.4 Objectives

The objectives of this NMP outline the following:

- provide a mechanism to assess monitoring results against development consent noise criteria to evaluate compliance for noise monitoring
- detail the requirement for reporting noise criteria exceedances to the relevant stakeholders
- detail the controls to be implemented to minimise noise emissions from the site
- allow adaptive management of the quarrying operation based on predicted meteorological conditions
- address the relevant conditions of the Development Consent
- manage noise related community complaints in a timely and effective manner, and
- detail the independent review process to be followed if Oberon Quarries receives a written request by a landowner(s) for an independent review of noise impacts.

Figure 1.1 – Locality Plan



2.0 Regulatory Requirements

2.1 Development Consent

The Development Consent for Oberon Quarries 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 NMP arises from Schedule 3, Condition 9 of the Oberon Quarries Development Consent. The requirements from the Development Consent relating to noise, 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		
Operating Conditions		
4.	The Applicant Shall:	
	(a) implement best practice management to minimise the operational and road transportation noise of the development	Section 5.0
	(b) minimise the noise impacts of the development during meteorological conditions when the noise criteria in this consent do not apply (see Appendix 4)	Sections 4.0 and 5.0
	(c) carry out noise monitoring (at least every 3 months, unless otherwise approved by the Secretary) to determine whether the development is complying with the relevant conditions of this consent; and Note: Discontinuation of noise monitoring was approved by the Secretary on 2 February 2017 (see Appendix 2).	Section 6.0 and Appendix 3 and 4.
	(d) regularly assess noise monitoring data and modify and/or stop operations on site to ensure compliance with the relevant conditions of this consent, to the satisfaction of the Secretary. Note: Discontinuation of noise monitoring was approved by the Secretary on 2 February 2017 (see Appendix 2).	Section 6.0 and Appendix 3 and 4.
Schedule 3 – Environmental Performance Conditions		
Noise Management Plan		
5.	The Applicant shall prepare and implement a NMP for the development to the satisfaction of the Secretary. This plan must:	
	(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 noise criteria and operating conditions of this consent	Section 5.0
	(c) describe the proposed noise management system in detail; and	Sections 6.0 - 8.0
	(d) include a monitoring program to be implemented to measure noise from the development against the noise criteria in Table 2, and which evaluates and reports on the effectiveness of the noise management system on site.	Section 6.0 and Appendix 3

Conditions		Addressed in Section
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 item (c) above).	Section 6.0
	(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		
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 NMP, and where they are addressed in this document, are detailed in **Table 2.2**.

Table 2.2 Statement of Commitments

Commitment	Addressed in Section
Key noise management and mitigation measures to limit potential operational noise impacts currently being implemented at Oberon Quarries operations and that will be applied to future operations include: • consideration of seasonal influences on noise impacts, to avoid or otherwise minimise noise impacts to sensitive receivers. • undertaking prescribed works within the approved hours of operation. Works undertaken outside these hours include: ○ emergency work to avoid the loss of life, property and/or prevent environmental harm; ○ any other work as agreed through negotiation between Oberon Quarries and potentially affected noise receivers or as otherwise agreed by the EPA. • where practical aural reversing alarms on mobile plant will be muffled • regular inspections of all site plant and equipment to ensure ongoing compliance with manufacturers' noise specifications. • positioning (i.e. location and orientation) mobile plant and equipment to minimise any potential noise impact on the surrounding residential receivers. • implementing noise attenuation controls, where feasible, on mobile and stationary equipment that is potentially generating noise levels above that predicated and/or are generating noise complaints. • installation of a new crushing plant that has a SWL 6 dB less than the existing equipment and the screening plant that has a SWL 3 dB less than the existing equipment. • limiting truck speeds on the internal haul roads to 30 km/h. • not permitting the use of compression brakes on internal haul roads and Oberon Quarry Road. • drilling associated with blasting will only take place between the hours of 7.00 am and 6.00 pm, 5 days per week. • restricting truck movements during the period 6.00 am to 7.00 am and 6.00 pm to 10.00 pm to a maximum of 4 laden truck movements per hour (total 8 truck movements per hour). • undertaking noise compliance monitoring and reporting (i.e. attended noise monitoring to assess compliance and assist with minimising impacts) once the new crusher and screen are installed. A noise report will be prepared by an independent and suitability qualified person, to assess compliance with the noise levels generated by the quarrying, processing and transportation of quarry products. • minimising noise impacts at residential locations, unless there is an alternative agreement with the private resident; and • operating a community compliant line. The local community is encouraged to use this point of contact to report any instances of excessive noise. All enquires are to be recorded and the subsequent investigation, action and response logged. The action taken is also communicated to the person who made the enquiry. These are considered the only feasible measures available to mitigate noise impacts.	Section 5.2 Refer to Appendix 3

3.0 Baseline Data

3.1 Existing Noise Environment

Minimum background noise levels in the area surrounding the quarry were reported as ranging from 37 to 49 dB(A) in the day-time and 30 to 36 dB(A) at night. Due to the rural nature of the area surrounding the Quarry, the existing background level was assumed to be at or below 30 dB(A). In addition to this, there are no other industrial noise sources in the area surrounding. Therefore, the existing industrial LAeq period (where period is day, evening or night) noise levels are more than 10 dB below the Acceptable Noise Level as defined by the Industrial Noise Policy (INP) (EPA, 2000).

Private residences located in the vicinity of the Quarry processing area are shown on **Figure 3.1**. The INP sets out two forms of noise criterion; intrusiveness and amenity. The intrusiveness criterion specifies that the LAeq 15 minute noise level from any new source should not exceed the Rating Background Level (RBL) by more than 5 dB(A). The RBL is defined as the overall single-figure background level representing each measurement period (day, evening and night) over the whole monitoring period.

The amenity criteria is intended to ensure that the total LAeq noise level from all industrial sources does not exceed specified levels. For rural residences, the relevant recommended acceptable amenity levels for each measurement period are:

- Daytime (7.00 am – 6.00 pm) – 50 dB(A) LAeq
- Evening (6.00 pm – 10.00 pm) – 45 dB(A) LAeq
- Night (10.00 pm – 7.00 am) – 40 dB(A) LAeq.

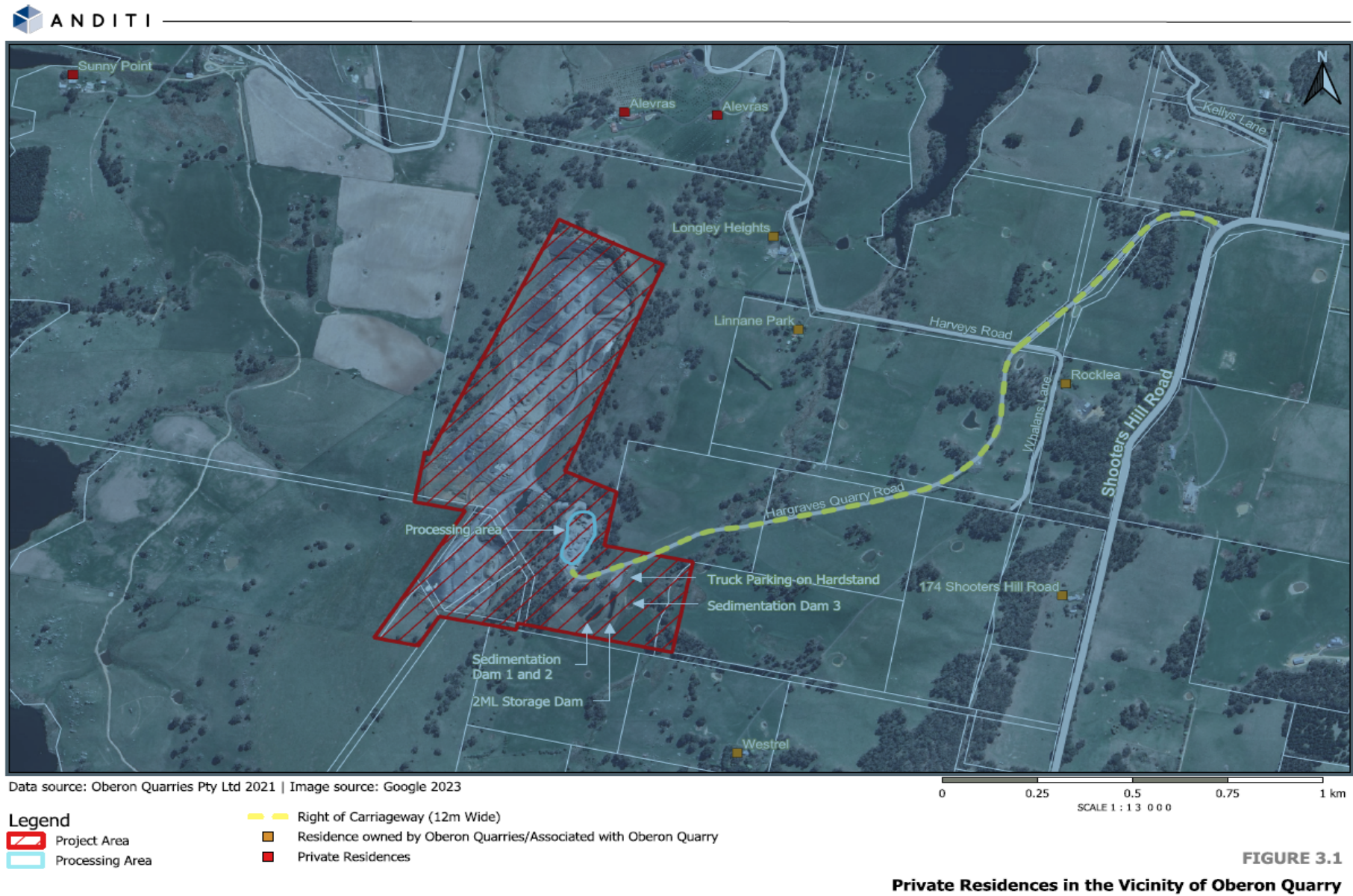
The project-specific intrusive criteria derived from the assessed RBLs are presented in **Table 3.1** below along with the relevant amenity criteria.

Table 0.3 Intrusive and Amenity Assessment Criteria

Location	Time Period	Noise Criterion – dB(A)	
		Intrusiveness LAeq, 15min	Amenity LAeq, Period
Rural Residential Area	Day	35	50
	Evening	35	45
	Night	35	40

* Day period is 7.00 am – 6.00 pm; Evening is 6.00 pm – 10.00 pm; Night is 10.00 pm – 7.00 am

Figure 3.1 Private Residences in the Vicinity of Oberon Quarry



4.0 Noise Criteria

Noise criteria are set for day shoulder, day and evening periods to protect the amenity of neighbouring residents. Noise criteria are expressed as a LAeq (15 min) limit (refer to **Section 9.0** for definitions) and are specified in the Development Consent for Oberon Quarries. Project specific noise criteria for the Quarry are outlined in Table 2 of the Development Consent and are reproduced as **Table 4.1**. Oberon Quarries will undertake all reasonable and feasible measures to ensure that the noise generated by the development meets the criteria in **Table 4.1** at any residence on privately-owned land.

As discussed in **Section 6.1**, in accordance with Schedule 3, Condition 3 of the Development Consent, Oberon Quarries has established an agreement with relevant landowners to exceed the noise criteria in the Development Consent (refer to **Appendix 2**). Oberon Quarries notified the Secretary of these agreements on 25 January 2017. At the time of reviewing this document April 23, 2025, these agreements are current, the landowners remain the same, and no complaints or amendments from the landowners has been requested.

In addition, Oberon Quarries has obtained approval from the Secretary on 2 February 2017 to discontinue noise monitoring (refer to **Appendix 3**).

Table 0.4 Development Consent Noise Criteria dB (A)

Receiver	Day/Evening	Night	
	LAeq(15 min)	LAeq(15 min)	LA1eq(max)
All privately-owned residences	35	35	45

5.0 Noise Management Controls

Oberon Quarries is committed to implementing reasonable and feasible best practice noise mitigation measures and investigating ways to minimise the construction, operational and road traffic noise generated by Quarry operations.

In order to mitigate any potential noise impacts from the operation, a number of noise 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 noise management conditions (Conditions 1 to 5 of Schedule 3)
- 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).

The relevant noise controls for the operation are detailed in the sections below and will be reviewed to confirm their applicability on an ongoing basis through the process outlined in **Section 7.2.1**.

5.1 Hours of Operation

Impacts to noise amenity for sensitive receivers in the vicinity of the Quarry have been managed through the design of the operation, including the restrictions on the hours of operation for the facility. The operating hours for the Quarry are prescribed in Table 1 of the Development Consent and are reproduced in **Table 5.1** below.

Table 5.1 Operating Hours

Activity	Operating hours
Extraction operations	7am to 6 pm Monday to Friday 7 am to 5 pm Saturday
Loading and dispatch	6 am to 10 pm Monday to Friday 6 am to 5pm Saturday
Construction and maintenance activities	7 am to 6 pm Monday to Friday 7 am to 4 pm Saturday
Blasting	9 am to 5 pm Monday to Saturday

Note: The Applicant may carry out other activities e.g. maintenance, on the site provided that these activities are conducted in a manner that is inaudible at all privately-owned residences.

5.2 General Controls

The following general control measures that have been considered as a standard part of the operation are:

- consideration of seasonal influences on noise impacts, to avoid or otherwise minimise noise impacts to sensitive receivers.
- undertaking prescribed works within the approved hours of operation. Activities undertaken outside these hours include:

- emergency work to avoid the loss of life, property and/or prevent environmental harm;
 - safety upgrades, audits and maintenance, on the site provided that these activities are conducted in a manner that is inaudible at all privately-owned residences; and
 - any other work as agreed through negotiation between Oberon Quarries and potentially affected noise receivers or as otherwise agreed by the EPA.
- where practical aural reversing alarms on mobile plant will be muffled
 - regular inspections of all site plant and equipment to ensure ongoing compliance with manufacturers' noise specifications
 - induction training of noise awareness to site workers including allocation of PPE.
 - positioning (i.e. location and orientation) mobile plant and equipment to minimise any potential noise impact on the surrounding residential receivers.
 - implementing noise attenuation controls, where feasible, on mobile and fixed plant that is potentially generating noise levels above that predicated and/or are generating noise complaints.
 - installation of a new crushing plant that has a SWL 6 dB less than the existing equipment and the screening plant that has a SWL 3 dB less than the existing equipment.
 - limiting truck speeds on the internal haul roads to 30 km/h
 - not permitting the use of compression brakes on internal haul roads and Oberon Quarry Road
 - drilling associated with blasting will only take place between the hours of 7.00 am and 6.00 pm, 5 days per week.
 - restricting truck movements during the period 6.00 am to 7.00 am and 6.00 pm to 10.00 pm to a maximum of 4 laden truck movements per hour (total 8 truck movements per hour).
 - undertaking noise compliance monitoring and reporting (i.e. attended noise monitoring to assess compliance and assist with minimising impacts) if a noise complaint relating to quarry operations is unable to be resolved by Oberon Quarries or a landowner requests the DPE to reinstate more frequent monitoring to assess compliance with relevant criteria (refer to **Section 6.1** regarding the discontinuation of noise monitoring).
 - minimising noise impacts at residential locations, unless there is an alternative agreement with the private resident (however these agreements have been established refer to **Section 6.1** and **Appendix 2**); and
 - operating a community complaint line. The local community is encouraged to use this point of contact to report any instances of excessive noise. All enquires are to be recorded and the subsequent investigation, action and response logged. The action taken is also communicated to the person who made the enquiry (refer to **Section 7.3**).

6.0 Noise Monitoring

Noise monitoring requirements for the operation are provided in Schedule 3, Conditions 4 (d) and 5 (d) of the Development Consent. Noise Monitoring was historically undertaken in accordance with Schedule 3, Condition 5 of the Development Consent and the requirements of EPL 4442. This included the requirement to measure the noise generated by the development in accordance with the NSW Industrial Noise Policy (EPA, 2000). The discontinuation of noise monitoring was approved by the Secretary on 2 February 2017 and is discussed further in **Section 6.1** below (refer to **Appendix 3**).

It can be noted Oberon Quarries conducted Stationary Noise Monitoring within the quarry boundaries as well as Occupational Noise Hygiene Monitoring related to WHS requirements in December 2024.

6.1 Event Based Attended Noise Monitoring

Attended noise monitoring was historically undertaken at the nearest non-quarry related residences Alevras and Hackfath (refer to **Figure 3.1**). In accordance with Schedule 3, Condition 3 of the Development Consent, Oberon Quarries has an agreement with the relevant landowners (Hackfath and Alevras) to exceed the noise criteria in **Table 4.1** (refer to **Appendix 2**).¹ Oberon Quarries notified the Secretary of these agreements on 25 January 2017. In addition, Oberon Quarries has obtained approval from the Secretary on 2 February 2017 to discontinue noise monitoring (refer to **Appendix 3**). In accordance with the Secretary's requirements (refer to **Appendix 3**), a copy of the approval letter was provided to Mr Hackfath and Mr Alevras on 3 February 2017 (refer to **Appendix 4**).

As per the Secretary's requirements, noise monitoring will be undertaken if a noise complaint relating to the Quarry operations is unable to be resolved by Oberon Quarries or a landowner requests the DPE to reinstate more frequent monitoring to assess compliance with relevant criteria.

If noise monitoring is undertaken the results will be compared with the noise criteria defined in **Section 4** to determine whether Oberon Quarry is in compliance with noise criteria defined within the Development Consent.

If required, attended noise monitoring will be undertaken to:

- determine the individual noise sources contributing to the ambient noise environment;
- estimate the contribution from quarry noise sources to the measured noise levels;
- determine whether a modifying factor should be applied to the contributing quarry noise levels (in accordance with the INP); and
- gain an understanding of the effects of meteorological conditions on the propagation of the noise from Oberon Quarry to the monitoring location.

Each attended noise survey will comprise one hour of measurement during operations. For each monitoring period, the following information will be recorded:

- operator's name.
- monitoring location.
- dates and times that monitoring began and ended at each location.

¹ At the time of reviewing this document, these agreements are current and no complaints or amendments from the landowners has been sought. The landowners are current.

- height of the microphone above the ground and, if relevant, distances to building facades or property boundaries.
- qualitative/quantitative meteorological data such as temperature, wind speed, wind direction, cloud cover, humidity, fog, rainfall or opinions as to the onset or breakup of temperature inversions.
- instrument calibration details before and after the monitoring period.
- the LAeq,15minute noise level for each 15 minute period.
- statistical noise level descriptors over each 15 minute interval: LAmin, LA90, LA10, LA1 and LAmay.
- LA1,1minute noise levels (to allow comparison with the relevant sleep arousal criteria).
- notes that identify the noise sources that contribute to the peak noise levels (LA1 or LAmay) and noise sources that contribute to the overall noise environment or for periods of time when a specific noise source is audible. These notes will be presented on a run-chart of the recorded noise levels.
- an estimate of the noise contribution from operations at the Quarry or from other identifiable noise sources.
- measurements in one-third octave bands for each 15 minute interval to assess if any of the noise sources exhibit tonal characteristics that may require modifying factors to be applied; and
- data suitable for assessing the relative contribution of mine-generated noise to the overall noise being measured.

6.1.1 Assessable Meteorological Conditions

In accordance with the methodology outlined in **Section 6.1** above and Section 3.4 of the INP (EPA, 2000), if any of the data in a 15 minute period is affected by the following meteorological conditions, noise monitoring for compliance with the criteria provided in **Table 4.1** does not apply:

- affected by rain or hail; or
- wind speeds in excess of 5 m/s at microphone height; or
- wind speeds greater than 3 m/s measured at 10 m above ground level; or
- temperature inversion conditions greater than 3 °C/100 m.

6.1.2 Noise Compliance Assessment

Provided the attended noise monitoring results were obtained under assessable meteorological conditions, the compliance of the Quarry will be assessed against the noise criteria specified in Schedule 3 of the Development Consent (refer to **Table 4.1**).

6.2 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.

6.3 Independent Review

A landowner may request an independent review of the noise 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

If noise monitoring is undertaken, a summary of the results will be provided in Oberon Quarries Annual Review. The following information will be reported in the 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 accordance with *Protection of the Environment Legislation Amendment Act 2011* (Amendment Act) and Schedule 5, Condition 12 of the Development Consent, Oberon Quarries will publish any noise monitoring results on the website (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. It is also noted that noise from the Quarry operations has historically not been an issue and on this basis unlikely to be an issue in the future.

7.2 Noise Complaint Reporting Protocol

As discussed in **Section 6.1**, Oberon Quarries has an agreement with the relevant landowners to exceed the noise criteria in the Development Consent (refer to **Appendix 2**). The discontinuation of noise monitoring was approved by the Secretary on 2 February 2017 (refer to **Appendix 3**). Noise monitoring will be undertaken if a noise complaint relating to Quarry operations is unable to be resolved by Oberon Quarries or a landowner requests the DPE to reinstate more frequent monitoring to assess compliance with relevant criteria. For residences where a noise agreement has been established this also removes the formal:

- incident reporting required by Schedule 5, Condition 7 of the Development Consent and
- the notification of landowners following the identification of a noise exceedance required by Schedule 4, Condition 1 of the Development Consent.

Should a noise complaint be received it will be managed in accordance with the Oberon Quarries Environmental Management Strategy (EMS) 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 the WHS, Environmental and Quality Representative, as applicable. Additional controls will be implemented where required, based on the outcomes of the investigation. All environmental complaints will be reported annually in the Annual Review.

In the unlikely event that monitoring undertaken in response to a community complaint identifies an exceedance of the noise limit, at a residence where a noise agreement has not been established, the exceedance will be reported in accordance with Schedule 5, Condition 7 of the Development Consent.

7.2.1 Adaptive Management

In accordance with Schedule 5, Condition 6 of the Development Consent, Oberon Quarries will manage noise related risks and undertake all reasonable and feasible measures to meet the criteria outlined in **Section 4**.

As discussed in **Section 6.1**, Oberon Quarries has agreements with relevant landowners to exceed the noise criteria in the Development Consent (refer to **Appendix 2**). The discontinuation of noise monitoring was approved by the Secretary on 2 February 2017 (refer to **Appendix 3**).

Noise monitoring will be undertaken if a noise complaint relating to the Quarry operations is unable to be resolved by Oberon Quarries or a landowner requests the DPE to reinstate more frequent monitoring to assess compliance with relevant criteria.

If noise monitoring is undertaken and a non-compliance relating to noise 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 noise from the Quarry will be managed in accordance with the requirements of the Oberon Quarries EMS and Complaints Management Policy, Procedure and Register. In accordance with Condition M5 of EPL 4442, a community complaints line is operated during operating hours (refer to **Section 5.1**). The complaints line is displayed on Oberon Quarries website (www.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. 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 the website. This register will be updated when/if a genuine notifiable complaint is received. The community complaints will also be reported in the Annual Review.

8.0 Review and Improvement

Ongoing monitoring and review on the performance and implementation of this NMP will be undertaken in accordance with Oberon Quarries EMS.

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 WHS, Environment and/or Quality Representative will review and if necessary, revise this NMP and resubmit to the DPE annually or earlier if required.

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

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

9.0 Definitions

The terminology utilised within this NMP is defined in **Table 9.1** below.

Table 0.5 Definitions

Term	Definition
Daytime	In relation to noise criteria it is the period 7.00 am to 6.00 pm Monday to Saturday and 8.00 am to 6.00 pm Sundays and public holidays.
Decibel dB(A)	A decibel scale, weighted so that it takes into account the frequency response of the normal human ear.
Evening	In relation to noise criteria is the period 6.00 pm to 10.00 pm.
Non-Compliance	Occurs when environmental monitoring results fall outside acceptable regulatory limits (i.e. development consent or EPL criteria).
LAeq (Period)	The average noise level, measured in dB(A), during a measurement period.
Night	In relation to noise criteria it is the period 10.00 pm to 7.00 am Monday to Saturday and 10.00 pm to 8.00 am Sundays and public holidays.

10.0 Accountabilities

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

Table 0.6 Accountabilities

Role	Accountabilities for this document
Quarry Manager	Ensure NMP is complied with and reviewed as required.

11.0 References

NSW Environmental Protection Agency (EPA), 2000. Industrial Noise Policy.

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 1
Noise Management Plan Approval

(new approval to be inserted)

Appendix 2 Noise Agreements



Oberon Quarries Pty Ltd
Hargraves Quarry Road,
Oberon NSW 2787
Phone: (02) 6336 0259

25 August, 2016

Mr Anthony Alevras

Oberon NSW 2787

To whom it may concern,

As the residents at 167 Harveys Road Oberon NSW 2787, Lot 401 DP 1105551, (Formerly in Lot 401 DP 1004011).

We have no objection to Oberon Quarries generating higher noise levels than those listed in Section L3 of NSW Environment Protection Authority (EPA) Environment Protection Licence (EPL) 4442 and clause 3, schedule 3 of Department of Planning and Environment (DPE) Oberon Quarries project approval SSD_6333. If in the future we have any objections we will raise these directly with the Quarry Manager.

Additionally, we have no objection to Oberon Quarries seeking to modify the frequency of attended noise monitoring from 'at least every 3 months' (as stipulated in clause 4 (c), schedule 3 of project approval SSD_6333) to 'on a complaints only basis only' whereby a targeted noise monitoring investigation will be undertaken by Oberon Quarries on receipt of a noise complaint.

Yours sincerely,

Signature:

Name:

ANTHONY ALEVRA



Oberon Quarries Pty Ltd
Hargraves Quarry Road
Oberon NSW 2787
ABN: 12 054 994 802
Phone: (02) 6336 0259

29 December, 2016

Mr John Hackfath

[Redacted]
Oberon NSW 2787

To whom it may concern,

As the residents at 174 Shooters Hill Road Oberon NSW 2787, Lot 1 DP 1011321.

We have no objection to Oberon Quarries Pty Ltd generating higher noise levels than those listed in Section L3 of NSW Environment Protection Authority (EPA) Environment Protection Licence (EPL) 4442 and clause 3, schedule 3 of Department of Planning and Environment (DPE) Oberon Quarries project approval SSD_6333. If in the future, we have any objections we will raise these directly with the Quarry Manager.

Additionally, we have no objection to Oberon Quarries Pty Ltd seeking to modify the frequency of attended noise monitoring from '*at least every 3 months*' (as stipulated in clause 4 (c), schedule 3 of project approval SSD_6333) to '*on a complaints only basis only*' whereby a targeted noise monitoring investigation will be undertaken by Oberon Quarries Pty Ltd on receipt of a noise complaint.

Yours sincerely,

Signature:

Name:

[Redacted]
JOHN HACKFATH

It is noted as of the review of this document 23rd April 2025, Mr. John Hackfath is no longer the resident and owner of 174 Shooters Hill Road, Oberon NSW 2787. This property is now associated with Oberon Quarries.

Appendix 3 – DPE Noise Monitoring Discontinuation Approval



Planning Services
Resource Assessments
Contact: Genevieve Seed
Phone: (02) 9274 6489
Email: genevieve.seed@planning.nsw.gov.au

Ms Emma Mudford
Umwelt (Australia) Pty Ltd
75 York St
Teralba NSW 2284

Dear Ms Mudford

Oberon Quarry Continuation Project (SSD 6333) Noise Monitoring Requirements

I refer to your email dated 25 January 2017 seeking the Secretary's approval to discontinue attended noise monitoring at the Oberon Quarry.

I understand that Oberon Quarries Pty Ltd currently has agreements in place with the owners of the closest private residences to the quarry (Mr Anthony Alevras & Mr John Hackfath) which allow for the exceedance of the noise criteria in the abovementioned consent at these residences. I also understand that the owners of these residences agree with Oberon Quarries' proposal to undertake a targeted noise monitoring investigation upon receipt of a noise complaint.

The Department considers the request to discontinue noise monitoring to be acceptable. However, should any future noise complaints relating to quarry operations be unable to be resolved by Oberon Quarries Pty Ltd, the landowner may request the Department to reinstate more frequent monitoring to assess compliance with the relevant criteria. Please ensure Mr Alevras and Mr Hackfath are aware of this arrangement by providing them with a copy of this letter.

Additionally, please ensure that the relevant management plans are updated to reflect these amendments. It is requested that the amended management plans are provided no later than 23 February 2017, for the Secretary's approval.

Should you have any enquiries in relation to this matter, please contact Genevieve Seed on the details above.

Yours sincerely,


Howard Reed 2-2-17
Director
Resource Assessments
As nominee of the Secretary

Appendix 4 - DPE Noise Monitoring Discontinuation Approval Letter provided to Landowners



Oberon Quarries Pty Ltd
Hargraves Quarry Road, Oberon NSW 2787
ABN: 12 054 994 802
P: (02) 6336 0312 – Quarry Office
M: (0484) 089 416 - Direct
P: (02) 6336 0259 – Weighbridge Office

Mr. Anthony Alevras

Oberon NSW 2787

3 February, 2017

Dear Mr. Alevras,

RE: Oberon Quarries Pty Ltd Continuation Project (SSD_6333), Noise Monitoring Requirements

As the residents at 167 Harveys Road Oberon NSW 2787, Lot 401 DP 1105551, (Formerly in Lot 401 DP 1004011), I am writing to advise that Oberon Quarries Pty Ltd have received approval from the Secretary on 2 February 2017 to discontinue attended noise monitoring. Please take this opportunity to review a copy of the attached letter (Oberon Quarries Pty Ltd Continuation Project (SSD 6333), Noise Monitoring Requirements). Could you please acknowledge that you have received a copy of the approval letter by signing and dating the below and returning to us for our records.

Please note, although Oberon Quarries Pty Ltd has approval to generate higher noise levels than those listed in Section L3 of NSW Environment Protection Authority (EPA) Environment Protection Licence (EPL) 4442 and clause 3, schedule 3 of Department of Planning and Environment (DPE) Oberon Quarries Development Consent SSD_6333 we encourage you in the future if you have any objections to raise them directly with our Quarry Manager.

Yours sincerely,

Mr. Neil Hargraves
Managing Director

Signature:

Name:  Mr. Anthony Alevras
Date: / 02 / 2017

Ms Emma Mudford
Umwelt (Australia) Pty Ltd
75 York St
Teralba NSW 2284

Dear Ms Mudford

**Oberon Quarry Continuation Project (SSD 6333)
Noise Monitoring Requirements**

I refer to your email dated 25 January 2017 seeking the Secretary's approval to discontinue attended noise monitoring at the Oberon Quarry.

I understand that Oberon Quarries Pty Ltd currently has agreements in place with the owners of the closest private residences to the quarry (Mr Anthony Alevras & Mr John Hackfath) which allow for the exceedance of the noise criteria in the abovementioned consent at these residences. I also understand that the owners of these residences agree with Oberon Quarries' proposal to undertake a targeted noise monitoring investigation upon receipt of a noise complaint.

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Additionally, please ensure that the relevant management plans are updated to reflect these amendments. It is requested that the amended management plans are provided no later than 23 February 2017, for the Secretary's approval.

Should you have any enquiries in relation to this matter, please contact Genevieve Seed on the details above.

Yours sincerely,



Howard Reed 2-2-17
Director
Resource Assessments
As nominee of the Secretary



Oberon Quarries Pty Ltd
Hargraves Quarry Road, Oberon NSW 2787
ABN: 12 054 994 802
P: (02) 6336 0312 – Quarry Office
M: (0484) 089 416 - Direct
P: (02) 6336 0259 – Weighbridge Office

Mr John Hackfath

Oberon NSW 2787

3 February, 2017

Dear Mr Hackfath,

RE: Oberon Quarries Pty Ltd Continuation Project (SSD_6333), Noise Monitoring Requirements

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Yours sincerely,

Mr. Neil Hargraves
Managing Director

Signature:

Name: ~~Mr.~~ John Hackfath

Date: / 02 / 2017

It is noted as of the review of this document 23rd April 2025, Mr. John Hackfath is no longer the resident and owner of 174 Shooters Hill Road, Oberon NSW 2787. This property is now associated with Oberon Quarries

Ms Emma Mudford
Umwelt (Australia) Pty Ltd
75 York St
Teralba NSW 2284

Dear Ms Mudford

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Noise Monitoring Requirements**

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Should you have any enquiries in relation to this matter, please contact Genevieve Seed on the details above.

Yours sincerely,



Howard Reed 2-2-17
Director
Resource Assessments
As nominee of the Secretary