

**Independent Environmental Audit:
Oberon Quarry Continuation Project
Development Consent SSD 6333**



Audit Organisation:	Oberon Quarries Pty Ltd
Auditors:	James Hart
Date of Audit:	1 February 2023
Draft Report Submitted:	14/02/2023
Final Report Submitted:	14/03/2023

Independent Audit Declaration Form

Project Name: Oberon Quarry Continuation Project
Consent Number: SSD 6333
Description of Project: Hard Rock Quarry
Project Address: Hargraves Road, Oberon, New South Wales
Proponent: Oberon Quarries Pty Ltd
Date: 14 March 2023

I declare that:

- i. I am not related to any proponent, owner, operator or other entity involved in the delivery of the project. Such a relationship includes that of employer/employee, a business partnership, sharing a common employer, a contractual arrangement outside an Independent Audit, or that of a spouse, partner, sibling, parent, or child;
- ii. I do not have any pecuniary interest in the project, proponent or related entities. Such an interest includes where there is a reasonable likelihood or expectation of financial gain (other than being reimbursed for performing the audit) or loss to the auditor, or their spouse, partner, sibling, parent, or child;
- iii. I have not provided services (not including independent reviews or auditing) to the project with the result that the audit work performed by themselves or their company, except as otherwise declared to the Department prior to the audit;
- iv. I am not an Environmental Representative for the project; and
- v. I will not accept any inducement, commission, gift or any other benefit from auditee organisations, their employees or any interested party, or knowingly allow colleagues to do so.

Notes:

- a) Under section 10.6 of the Environmental Planning and Assessment Act 1979 a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and
- b) The Crimes Act 1900 contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both).

Name of Auditor: James Hart

Signature: 

Qualification: Lead Environmental Auditor – Exemplar Global Certificate No. 12105

Company: James Hart Consulting

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Abbreviations

AQMP	Air Quality Management Plan
AS	Australian Standard
BMP	Blast Management Plan
CCC	Community Consultative Committee
DA	Development Approval
DDG	Deposition Dust Gauge
DPE	Department of Planning and Environment
DPI	Department of Primary Industries
DRG	Division of Resources and Geoscience
EIS	Environmental Impact Statement
EMS	Environmental Management Strategy
EPA	Environment Protection Authority
EP&A Act	Environmental Planning and Assessment Act 1979
EPL	Environment Protection Licence
LRMP	Landscape and Rehabilitation Management Plan
NMP	Noise Management Plan
PIRMP	Pollution Incident Response Management Plan
POEO Act	Protection of the Environment Operations Act 1997
SoC	Statement of Commitments
TMP	Transport Management Plan
TSP	Total Suspended Particulates
TSS	Total Suspended Solids
WAL	Water Access Licence
WMP	Water Management Plan

1 INTRODUCTION

1.1 Overview

Oberon Quarries Pty Limited (Oberon Quarries) operates Oberon Quarry, an existing hard rock quarry located approximately 4 kilometres south of Oberon, New South Wales (NSW). Oberon Quarries was granted the original Oberon Quarries Development Consent (DA92/164) on 1 October 1993 by the NSW Minister for Planning to establish and operate a hard rock quarry at 'Langley Heights', Oberon, New South Wales. The Oberon Quarry Continuation Project Development Consent (SSD 6333) was granted to Oberon Quarries on 14 September 2015 and provides for the continued operations of Oberon Quarry. The original Oberon Quarries Development Consent (DA92/164) was relinquished on 2 December 2015.

The conditions of approval require Oberon Quarries to appoint an independent auditor to assess compliance with the Minister's Conditions of Approval obtained for the quarry operations.

1.1 Project Details

Project Name	Oberon Quarry Continuation Project
Project Application Number	SSD 6333
Project Address	Hargraves Road, Oberon, New South Wales.
Project Phase	Operational.
Project Description	The approved activities at the Quarry comprise the following. • Development and use of an extraction area to extract hard rock material using standard drill, blast, load and haul techniques. • Crushing and processing of hard rock material to produce quarry products. • Transportation of up to 400 000t per year of quarry products. • Progressive rehabilitation and construction of the final landform following extraction of the first and second benches within the Extraction Area. During the period covered by the current audit, works have remained within the existing Quarry footprint, with no land clearing or rehabilitation occurring.

1.2 Audit Team

The audit was conducted by the following:

Auditor	Role	Qualifications
James Hart	Lead Auditor	Lead Environmental Auditor Exemplar Global No 12105 Newcastle University, Graduate Diploma in Environmental Science, 1997

The independent audit declaration form is attached as Appendix C.

1.3 Audit Objectives

The objective of this audit was to undertake the independent environmental audit of the project in compliance with the Project Approval SSD 6333 to assess compliance with the conditions of consent, environmental protection licence, water access licence, Statement of Commitments and relevant management plans. The audit is to be conducted with consideration of the Department of Planning Industry and Environment Independent Audit Post Approval Requirements June 2020 (DPAR 2020).

1.4 Audit Scope

The scope of this audit comprised of the following:

- Consultation with stakeholders to obtain their input into the scope of the audit;
- Review of compliance against Project Approval SSD 6333;
- Review of requirements of EPL 4442;
- Review of requirements of Water Licence 34729;
- Review of implementation of the following management plans:
 - Environmental Management Strategy, Oberon Quarries Pty Ltd, 1296/R74/V4 August 2017;
 - Air Quality Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R71/V5, May 2018;
 - Water Management Plan, Oberon Quarries Pty Ltd, Report No. 1296/R72/V4, August 2017.;
 - Noise Management Plan Oberon Quarries Pty Ltd, Report No 1296/R68/V4, May 2018;
 - Landscape and Rehabilitation Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R3/V5, dated May 2018.;
 - Transport Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R69/V2, August 2017.
 - Blast Management Plan Oberon Quarries Pty Ltd, Report No 1296/R70/V3, August 2017.
- the performance of the operation;
- results from previous audits;
- any incidents or community complaints;
- Site inspection of the development area.

The audit criteria were developed by the Lead Auditor, and are included as a checklist at the end of this report.

1.5 Audit Period

This was the third independent environmental audit carried out on the project, which covered the period January 2020 to January 2023.

2 Methodology

2.1 Approval of Auditors

Oberon Quarries Pty Ltd engaged James Hart as the independent environmental auditor to conduct this audit. The auditor details and certification were discussed in Section 1.2 of this report. Auditor's approval letter from DPE is attached as Appendix C.

2.2 Audit scope development

The audit scope and a checklist was developed based on the Project Approval SSD 6333, statement of commitments, requirements of Environment Protection License (EPL) 4442, requirements of Water License 34279 and feedback from agencies consulted.

2.3 Audit Process

The audit commenced with an Opening Meeting to confirm the scope, purpose, and timeline of the audit. The Opening Meeting was held at 08.00am on 1 February 2023.

Key operational documents were reviewed, and evidence of compliance was sought through the interview process. Key documents were the various management plans required under the approval. Documentation included a combination of hard copy records and electronic records maintained by Oberon Quarries Pty Ltd.

The audit activities included the following:

- A site walk to review implementation of mitigation measures and environmental controls on 1 February 2023 accompanied by the Chief Operating Officer and Peter Jamieson (Consultant);
- Desktop review of the project documentation (EMP and its sub-plans) to verify compliance with the Project Approval, EPL and WAL requirements;
- Review of available records on the project website and records provided during the site audit and records provided subsequently as evidence of compliance; and
- Submission of draft report to Oberon Quarries Pty Ltd for review prior to finalisation of report and submission to DPE.

A closing meeting was held at 2.30pm on 1 February 2023 where the preliminary audit findings were presented. Where aspects of the audit remained unresolved, Oberon Quarries Pty Ltd was requested to provide additional information. This information was provided on between the 1/02/2023 and 9/02/2023.

2.4 Interviewed Persons

Name and position of persons interviewed:

Name	Organisation	Position
Jake Hargraves	Oberon Quarries Pty Ltd	Chief Operating Officer
Emma Terracini	Oberon Quarries Pty Ltd	WHS&E Officer
Peter Jamieson	Anditi Pty Ltd	Consultant

2.5 Details of Site Inspection

A site inspection of the quarry was conducted with focus on the following controls:

- Erosion and sedimentation controls;
- Water storage;
- access/egress;
- Roads surrounding the site for dust/mud tracking;
- Dust management;
- Waste management;
- Site fence and vegetation screening;
- Boundary markers;
- Chemical storage;
- Site signage; and
- General housekeeping.

2.6 Agency and Community Consultation

Consultation with the following was undertaken prior to the audit to obtain feedback and to focus the audit criteria on key issues.

Refer to **Appendix C** for consultation records provided.

Contact	Agency	Comments
Georgia Dragicevic Operations Officer Regulatory Operations	Department of Planning and Environment	In addition to the consent requirements, please check compliance with any rehabilitation/bond requirements, complaints management and whether quarrying operations are within the approved project boundary and any other relevant limits.
Ron Dillon	Department of Planning and Environment	No response
Regulatory Operations Sheridan Ledger Unit Head Central West Region	NSW Environment Protection Authority	We would appreciate an audit of the sites hydrocarbon storage (bundling) and management and also the water management system following the recent wet weather.
Oberon Council Bennett Kennedy Senior Town Planner	Oberon Council	I can confirm that, as far as Oberon Council is aware, Oberon Quarry has been operating environmentally satisfactorily over recent times (last 2-3 years). As mentioned I have provided a response to the DPE request for comment regard the issue of SEAR's for a proposed extension of the existing quarry to the south. This response however also includes a request for the Contributions payments made to Oberon Council for the tonnage of extracted material be reconciled. It is my understanding that Oberon Council raises invoices for the material extracted and transported offsite in accordance with the quarries condition of development consent and the monthly tonnage advised by email. That is,

		the actual tonnages of material extracted and transported off-site should be consistent with the figures provided to Council. It is apparent that this is something of an honesty system and relies on the goodwill of the mine operator which in the present day should be the subject of a more evidence-based approach.
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Issues raised during the agency consultation process were considered in development of the audit checklist and checked and reviewed during the site inspection and review of records.

2.7 Audit Compliance Status Descriptors

Compliant	The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.
Not Compliant	The auditor has determined that one or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.
Not triggered	A requirement has an activation or timing trigger that has not been met during the temporal scope of the audit being undertaken (may be a retrospective or future requirement), therefore an assessment of compliance is not relevant.

2.8 Approvals and Documents Audited

The following documents and approvals were reviewed and included within the audit:

- Development Consent SSD 6333.
- Environment Protection Licence 4442.
- Water Access Licence 34279.
- Environmental Management Strategy, Oberon Quarries Pty Ltd, 1296/R74/V4 August 2017.
- Air Quality Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R71/V5, May 2018.
- Water Management Plan, Oberon Quarries Pty Ltd, Report No. 1296/R72/V4, August 2017.
- Noise Management Plan Oberon Quarries Pty Ltd, Report No 1296/R68/V4, May 2018.
- Landscape and Rehabilitation Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R3/V5, dated May 2018.
- Transport Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R69/V2, August 2017.
- Blast Management Plan Oberon Quarries Pty Ltd, Report No 1296/R70/V3, August 2017.
- Independent Environmental Audit, Oberon Quarries Barnett and May, 10 January 2020.
- Oberon Quarries Response to 2019 Audit Recommendations .
- Oberon Quarry Project Annual Review 2020 for the period 1 January 2019 to 31 December 2019.
- Oberon Quarry Project Annual Review 2020 for the period 1 January 2020 to 31 December 2020.
- Oberon Quarry Project Annual Review 2020 for the period 1 January 2021 to 31 December 2021.
- 1296 Oberon EPL Report 2019.
- 2020 EPL Report.
- Website 2021 EPL Report Data.

- SAL Laboratory Reports - Jan-Dec-22-Oberon-Results.
- SAL Laboratory Report – Jan 2023
- Website-Summary-January-2019-to-December-2019
- Website-Summary-Jan-2020-to-December-2020-1
- Website-Summary-Transport-Movements-Jan-2021-to-December-2021
- Oberon Quarries– Complaints Register January 2016 to present.
- Survey 26 April 2022.
- Maintenance Records
- Council Levy Payments – Payable Invoice Details 1 January 2020 to 31 December 2022.
- Septic Tank Removal Invoices September 2020 to September 2022.
- Transport Summary January 2022 – December 2022.

2.9 Issues to be considered in reviewing this report

This audit was based on a review of compliance with the approval conditions for the operation of the Oberon Quarry.

In particular, the audit focused on the implementation of measures described in the various Environmental Management Plans to manage the impacts of the activities on the surrounding environment. The checklist appended to this report identifies those compliance issues that could be assessed given the stage of the project.

By its very nature an audit does not guarantee full compliance of all aspects of the project with the undertakings of the Management Plans and associated documentation. However; in the opinion of the auditor, the extent and scope of the field inspection together with the records maintained by Oberon Quarry were sufficient evidence to verify general compliance of the activities with the requirements of the conditions of approval.

3 AUDIT FINDINGS

3.1 Overview

Specific activities being undertaken at the time of audit were:

- Extraction and crushing of material;
- Screening and stockpiling of material; and
- Loading of trucks for dispatch.

The attached checklists record the outcomes of the audit process.

	Requirements	Findings
Schedule 2 – Administrative Controls	19	Compliant – 14
		Non-Compliant – 1
		Not Triggered – 4
Schedule 3 – Environmental Performance Conditions	32	Compliant – 26
		Non-Compliant – 2
		Not Triggered – 4
Schedule 4 – Additional Procedures	2	Compliant – 0
		Non-Compliant – 0
		Not Triggered – 2
Schedule 5 – Additional Procedures	12	Compliant – 5
		Non-Compliant – 4
		Not Triggered – 3
EPL 4442	59	Compliant – 40
		Non-Compliant – 4
		Not Triggered – 15
Statement of Commitments	15	Compliant – 15
		Non-Compliant – 0
		Not Triggered – 0
WAL 34279	5	Compliant – 0
		Non-Compliant – 0
		Not Triggered – 5

3.2 Assessment of Compliance

Overall, the project had implemented processes to generally manage compliance with the Project Approval SSD 6333, EPL 4222, WAL 34279 and the Statement of Commitments.

The attached checklists record the outcomes of the audit process. Nine non-compliances have been raised where compliance with the conditions of consent, EPL, WAL, Statement of Commitments or management plans could not be verified.

3.2.1 Air Quality

An Air Quality Management Plan had been developed and approved for the project, which included controls to minimise air quality impacts and monitoring requirements.

Controls had been implemented to minimise the impact of the project on air quality. The site was generally covered with grass and stabilised. The quarry, including stockpiles is located within the quarry void which reduces the impact of wind on dust generation and dispersal. Irrigation sprays

had been installed on the conveyors to minimise dust generation, and a water cart used for dust suppression within the quarry.

Deposited dust monitoring had been conducted, with results generally below the site annual average deposited dust criteria.

In accordance with the approved air Quality Management Plan, TSP/PM₁₀ dust monitoring is not conducted unless a complaint in relation to dust management is received.

No issues were identified in relation to air quality management.

3.2.2 Noise Management

A Noise Management Plan had been developed, approved and implemented which identified noise monitoring requirements.

Regular noise monitoring is not required, with monitoring required should a complaint be received.

One complaint had been received during the period covered by this audit in relation to excessive noise from trucks. The complaint was received by Oberon Quarry via DPE. The complaint was subsequently investigated, including consultation with property owners and resolved. No further noise complaints had been received. As a result, one non-compliance was raised in relation not noise management. Refer NC-03.

A warning letter was received from DPE in relation to the noise complaint.

3.2.3 Traffic Management

A Transport Management Plan (TMP) had been developed and approved for the management of site traffic.

The TMP incorporated approved transport routes for vehicles entering and exiting the site and parking areas. Light and heavy vehicles had been segregated, with a dedicated light vehicle parking area provided.

Requirements of the TMP were communicated via the site induction and driver inductions. Records of inductions were verified.

Records available verified that the number of daily truck movements did not exceed the maximum allowed, and truck movements had been restricted to comply with approved hours of operation.

While truck movement records were available, verification of compliance with restrictions on truck movements between 6am-7am, and 6pm-10pm was not readily achieved. There was a reliance on the weighbridge tickets for recording truck dispatch times. Oberon Quarries may consider maintaining a separate log of truck dispatch times to enable ready monitoring of truck movements.

3.2.4 Water Management

A Water Management Plan (Version 4 dated 5/05/2021) had been developed and approved for the project. The WMP had been verified as compliant with the conditions of approval.

The quarry water management system has been designed to collect all sediment-laden runoff from the extraction area and direct it to a series of sedimentation dams. The system has been designed to contain runoff from in excess of a 1 in 100 year 24 hour rainfall event, 154 mm of rainfall. No water discharges had occurred from the site.

Water quality monitoring had been conducted in accordance with the WMP, with upstream and downstream monitoring in the creek and spring fed dam indicating no adverse impacts from the quarry operations.

3.2.5 Waste Management

Facilities had been provided for the storage and disposal of waste on site. Records were available to verify that, where applicable, waste had been collected by an approved waste contractor and disposed of at an appropriate facility, including sewage waste.

3.2.6 Rehabilitation

A Landscape and Rehabilitation Management Plan (LRMP) had been developed for the project, which had been submitted to DPE for approval.

A rehabilitation bond had been previously established (2018). The rehabilitation bond was reviewed by Oberon quarries in 2020 following the previous environmental audit. While the bond had been reviewed and assessed as no change required, the bond review had not been submitted to DPE for acceptance. Refer NC-04.

Works on site have continued within the existing void, with no new areas disturbed or areas rehabilitated.

3.3 Previous Audit Findings

Previous audit findings were reviewed as part of the current audit to assess implementation of actions identified to address issues. Actions to address previous audit findings had been identified and previous non-compliances had generally been closed out. Where non-conformances had not been closed out, a new non-compliance was raised in the current audit. A summary of previous findings and status is provided in Appendix A.

3.4 Notices, Incidents and Penalty Notices

No agency notices, orders, penalty notices or prosecutions have been issued, and no reportable environmental incidents that constitute material harm to the environment occurred during the period covered by this audit.

3.5 Complaints

A Complaints Register is available where information regarding complaints was recorded, including the relevant resolution. A summary of complaints was published on the company website. One complaint had been received Via DPE during the period covered by the current audit. Records were sighted to verify that complaints had been actioned and closed out.

September 2020	Noise	Noise complaint received via DPIE on 18 September 2020 regarding excessive noise (engine brake use) from trucks entering and exiting the Quarry Site and noise associated with trucks entering and exiting the site prior to 6:00am. A response regarding this matter was provided to DPIE on 24 November 2020. DPIE held further discussions with the complainant on 8 December 2020 and the complainant noted that excessive truck noise, primarily associated with the use of engine brakes, was still occurring. A warning letter
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		was received from DPIE on 21 December 2020. No further complaints have been received to date regarding this matter.
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3.6 Audit Site Inspection

The site inspection was conducted on 1 February by the Lead Auditor James Hart assisted by Jake Hargraves and Peter Jamieson. Specific activities being undertaken at the time of audit were:

- Loading and haulage of material from the quarry to the processing plant;
- Operation of quarry earthmoving equipment, including front end loader;
- Screening and stockpiling of material; and
- Loading of trucks for dispatch.

The site environmental controls and mitigation measures were verified including:

- Sealed road had been provided for access/ egress to the site,
- Water cart was available for dust control. Noted that no significant dust was being generated during the site inspection,
- Dedicated storage areas had been provided for oils and chemicals on site,
- Receptacles were provided for waste management,
- Spill kits were available on site,
- Erosion and sediment controls had been implemented,
- Water storage ponds were in good condition, and
- site was generally clean and tidy.

One issue was identified during the site inspection:

- Some Oil and chemical containers were not stored within bunded areas.

3.7 Suitability of Plans and the EMS

Environmental Management System (EMS) was robust with strengths in communication processes, documentation and record keeping, induction, training and competence, environmental controls and non-conformance/corrective action processes.

Management plans have been reviewed and revised where required. Revised management plans have been submitted to DPE for approval within the timeframe as per the approval conditions.

Where compliance with requirements of the requirements of management plans could not be demonstrated, non-compliances were raised. Details of non-compliances are provided in Section 3.19.

3.8 Additional Matters Raised During Consultation

Agency	Issue	Finding
DPE	Compliance with rehabilitation /Bond requirements.	No rehabilitation has been conducted. Site footprint remains unchanged from previous audit. Rehabilitation bond had been finalised prior to the previous audit. Bond had been internally reviewed following the previous audit (January 2020) with no change to the bond. However, revision of the bond had not been submitted to DPE for acceptance. Refer Non-compliance NC-04.

DPE	Complaints Management	Oberon Quarries maintains a complaints register. Records were available to verify that the Quarry has responded appropriately to complaints (1 complaint received during audit period)
DPE	Quarrying operations are within the approved project boundary and any other relevant limits	Site survey February 202 shows quarrying remains within the project boundary.
EPA	Hydrocarbon storage	During the site inspection, it was found that oil and chemical containers were stored in non-bunded locations. Refer Non-compliance NC-04.
EPA	Water Management	Water management controls had generally been implemented and appeared effective in managing stormwater. No discharges have been recorded during wet weather experienced. Records were sighted to show that the WHS&E Officer undertook inspections of the water system, including discharge locations, following rainfall events.
Oberon Council	Road maintenance contributions	Records were sighted to verify that Oberon Quarries had paid road maintenance contributions to Council. Records reviewed verified actual tonnages of material extracted and transported off-site were consistent with the figures provided to Council.

3.9 Key Strengths

Overall, the project environmental performance in compliance with Development Consent SSD_6333 was satisfactorily met with the following key strengths noted:

- The process for managing complaints and non-conformances has been implemented and recorded. Prompt response to complaints was noted.
- Implementation of environmental control, including:
 - erosion and sedimentation controls;
 - water management;
 - Dust management; and
 - the site was maintained in a clean and tidy condition.

3.3 Audit Findings and Recommendation

The table following outlines the identified non-compliances as well the auditor's recommendations. Auditor's notes are detailed in the attached **Appendix A – Audit Table**.

3.10 Areas of Non-compliance

Issue No.	Condition	Requirement	Issue sighted	Recommendation
NC-01	Schedule 2 Condition 2	The Proponent, in acting on this approval, must carry out the project in accordance with: (a) the conditions of this approval; and (b) all written directions of the Secretary	Non-compliance has been recorded against Conditions of Approval Schedule 3 (Conditions 4,26,30) and Schedule 5 (Condition 1,10,11).	It is recommended that all non-compliances identified are addressed and closed out. Consider implementing a process to track compliance requirements and status.
NC-02	Schedule 2 Condition 17	The Applicant shall: (a) provide annual quarry production data to DRE using the standard form for that purpose; and (b) include a copy of this data in the Annual Review (see condition 9 of Schedule 5).	Records were not available to verify that annual quarry production data had been provided to DRE (now MEG) using the standard form for that purpose.	Oberon Quarries should ensure that the DRE standard form for annual production data is completed and submitted to DRE.
NC-03	Schedule 3 Condition 4	The Applicant shall: (a) implement best practice management to minimise the operational and road transportation noise of the development; (b) minimise the noise impacts of the development during meteorological conditions when the noise criteria in this consent do not apply (see Appendix 4); (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 (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.	Noise complaint received September 2020 relating to excess truck noise and truck movements prior to 6.00am. Surveillance by DPE on 15/10/2020 indicated excessive noise from engine brakes, particularly when entering the quarry site. Investigated by Oberon Quarries and response to DPE provided 24/11/2020. Noise source found to be a Council owned cattle grid, which was repaired by Oberon Quarries. No further complaints received.	Oberon Quarries should consider providing additional training to truck drivers on restrictions in relation to truck movements. Consider implementing a surveillance program to routinely check compliance with truck movement restrictions
NC-04	Schedule 3 Condition 26	Within 3 months of each Independent Environmental Audit (see condition 10 of Schedule 5), the Applicant shall review, and if necessary revise, the sum of the Rehabilitation Bond to the satisfaction of the Secretary. This review must consider the: (a) effects of inflation;	Sighted record of review of Rehabilitation Bond (26/01/2020), which had been reviewed by the CFO following the previous Independent	Oberon Quarries should implement a process to ensure the review of the Rehabilitation Bond is

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Commercial in Confidence

Issue No.	Condition	Requirement	Issue sighted	Recommendation
		(b) likely cost of rehabilitating the site (taking into account the likely surface disturbance over the next 3 years of the development); and (c) performance of the implementation of rehabilitation of the site to date.	Environmental Audit with no change required. However, the bond review was not submitted to the Secretary for review and acceptance.	provided to the Secretary for review and acceptance.
NC-05	Schedule 3 Condition 30 EPL O1.1 and O4.1	The Applicant shall ensure that all tanks and similar facilities for storage of liquids (other than for water) are protected by appropriate bunding, which must exceed 110% of the stored volume of the liquid.	During the site inspection, unbunded oil and chemical containers were sighted in the maintenance area and adjacent to the storage container located within the quarry	Oil and chemical containers should be stored in appropriately bunded facilities.
NC-06	Schedule 5 Condition 1	The Applicant shall prepare and implement an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must: (a) be submitted to the Secretary for approval within 6 months of the date of this consent; (b) provide the strategic framework for environmental management of the development; (c) identify the statutory approvals that apply to the development; (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (e) describe the procedures that would be implemented to: • keep the local community and relevant agencies informed about the operation and environmental performance of the development; • receive, record, handle and respond to complaints; • resolve any disputes that may arise during the course of the development; • respond to any non-compliance; • respond to emergencies; and (f) include: • copies of any strategies, plans and programs approved under the conditions of this consent; and A clear plan depicting all the monitoring to be carried out under the conditions of this consent	While records of inspections were available, records did not show that inspections had been conducted at least monthly. It was noted that additional inspections had been conducted following rainfall events.	Environmental inspections should be conducted in accordance the requirements of the Environmental Management Strategy.
NC-07	Schedule 5 Condition 10	Within a year of the date of this consent, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the development. This audit must: (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; (b) include consultation with the relevant agencies;	Current audit was not commissioned within 3 years of the date of the consent.	Oberon Quarries should implement a process to ensure that the Independent Audit Report should be commissioned prior to 14 September on a 3 yearly basis.

Independent Environmental Audit – Oberon Quarry

Commercial in Confidence

Issue No.	Condition	Requirement	Issue sighted	Recommendation
		(c) assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent and any relevant EPL or necessary water licences for the development (including any assessment, strategy, plan or program required under these approvals); (d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and (e) Recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy, plan or program required under the abovementioned approvals. Note: This audit team requirements in this consent and any relevant EPL or necessary water licences for the development (including any assessment, strategy, plan or program required under these approvals); (d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and (e) Recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy, plan or program required under the abovementioned approvals. Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.		
NC-08	Schedule 5 Condition 11	Within 6 weeks of completion of this audit, or as otherwise agreed by the Secretary, the Applicant shall submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	The 2019 audit was not submitted to DPE within 6 weeks of completion of the audit.	Oberon Quarries should implement a process to ensure that the Independent Audit Report is submitted to DPE within 6 weeks of completion of the audit.
NC-09	EPL 3.1	Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence. In this condition the reference to "the licence application" includes a reference to: - the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.	Four non-compliances with the EPL has been identified.	It is recommended that all non-compliances identified are addressed and closed out. Consider implementing a process to track compliance requirements and status.
NC-10	EPL O5.1	The sediment basin identified as EPA identification no 7 (licence discharge point 7) under condition P1.3 must be drained or pumped out within 5 days following rainfall in order to maintain the design storage capacity of the basin.	It was reported that the sediment basin was not pumped out within 5 days following rainfall. However, no discharge has occurred from the licenced discharge point 7.	Oberon Quarries should ensure that the sediment basin identified as EPA identification no 7 is pumped out or drained within 5 days following rainfall.

Issue No.	Condition	Requirement				Issue sighted	Recommendation
NC-11	EPL M2.1, M2.2	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns: Air Monitoring Requirements Points 1, 2, 3, 4				Samples were not collected in July 2021 due to regional lockdowns associated with the COVID-19 pandemic.	Oberon Quarries should ensure that samples are collected on a monthly basis.
		Pollutant	Units of Measure	Frequency	Sampling Method		
		Particulates – Deposited Matter	Grams per square metre per month	Monthly	AM-19		

3.11 Opportunities for Improvement

One opportunity for improvement was identified as a result of the audit.

- While truck movement records were available, verification of compliance with restrictions on truck movements between 6am-7am, and 6pm-10pm was not readily achieved. There was a reliance on the weighbridge tickets for recording truck dispatch times. Oberon Quarries may consider maintaining a separate log of truck dispatch times to enable ready monitoring of truck movements

3.12 Areas of compliance

All other relevant conditions audited were found to be either compliant or not triggered. Refer to the audit checklist provided as an attachment for full details of compliance.

4 CONCLUSIONS

Oberon Quarry had developed and generally implemented management plans and associated documentation to address the requirements of the conditions of consent.

While compliance with aspects of the conditions of the project approval and management plans was found, nine non-compliances were raised where compliance with requirements of the conditions of consent, EPL, WAL, Statement of Commitments or management plans prepared for the site was not demonstrated.

Oberon Quarry should ensure that actions are identified and implemented to address the findings contained within this audit to enable compliance with all obligations and ensure environmental impacts of the developments are appropriately managed.

ATTACHMENTS

- ✓ **Substantive Changes**
- ✓ **Auditor CV**
- ✓ **Audit Checklists**

CIRCULATION

- ✓ **Oberon Quarries**

5 Substantive Changes.

No substantive changes were made to the draft audit report.

Appendix A. - Previous Audit Findings

Previous Administrative Non-compliances

Issue No.	Condition	Requirement	Issue sighted	Oberon Quarries Response	2022 Status
A-01	Section 2 Condition 2	The Proponent shall carry out the project generally in accordance with the: (a) EIS; (b) Statement of Commitments; and (c) conditions of this approval.	All conditions in this Approval have not been satisfied. Refer to specific non compliances described below.	OQ has responded to all audit findings.	Non-compliances identified in the previous audit have generally been addressed. Non-compliances have been identified during the current audit. Remains open. Refer NC-01.
A-02	Section 2 Condition 6	The Applicant shall not extract extractive materials below a level of 1125 m AHD.	A recent quarry surveyors report was not available at the time of the Audit to verify that the excavation limits were complied with.	Last surveyor report conveyed depth of 1154m. No extraction has occurred beyond this point which would warrant additional surveyor report to be produced. OQ confirms it has not extracted below level of 1125m.	Survey records sighted during the current audit show extraction to 1149m AHD. Closed
A-03	Condition 17	By 30 November 2015, unless otherwise agreed with the Secretary, the Applicant shall: (b) submit a survey plan of these boundaries with applicable GPS coordinates to the Secretary.	No correspondence confirming that the survey plan was submitted to DPE was available during the audit.	OQ disagrees surveyor plan was produced by central west surveying and submitted by OQ depicting boundaries and depth.	Verified during 2017 audit by AQUAS. Closed
A-05	Section 3 Condition 11	The Proponent shall: (c) minimise the air quality impacts of the development during adverse meteorological conditions and extraordinary events (see noted under Table 4);	No procedure has been developed (and documented in the AQMP) to minimise dust impacts during adverse meteorological (and other) conditions.	Historically OQ has never been impacted by adverse meteorological conditions (e.g. drought). OQ agrees and will action review of AQMP to include adverse meteorological conditions.	AQMP Section 6.3 – Meteorological Monitoring considers adverse conditions for blasting. The AQMP has not been updated to address adverse meteorological conditions and extraordinary events or other quarry operations. Remains Open
A-06	Section 3 Condition 11	The Proponent shall: (e) implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site;	No procedures or controls for the minimisation of greenhouse gas emissions have been developed, implemented and documented in the AQMP.	OQ will conduct a review into feasibility of actioning measures to reduce greenhouse emissions.	Section 5.2 of the AQMP addresses greenhouse gas minimisation measures. Closed

Issue No.	Condition	Requirement	Issue sighted	Oberon Quarries Response	2022 Status
A-07	Section 3 Condition 25	Within 6 months of the approval of the Landscape and Rehabilitation Management Plan, the Applicant shall lodge a Rehabilitation Bond with the Department to ensure that the rehabilitation of the site is implemented in accordance with the performance and completion criteria set out in the plan and relevant conditions of this consent	The required rehabilitation bond is in place. The Bond (bank guarantee) was issued in September 2018, while the LRMP has initially approved in May 2016. The bond was therefore not provided to DPIE within the required six months. A further direction from DPIE for finalisation of the Bond by 30 April 2018 was not met.	QC met bond requirements on 27 July 2018. No further action required.	Bond was finalised in 2018 and reviewed January 2020 following previous audit. Closed
A-08	Section 4 Condition 1	As soon as practicable after obtaining monitoring results showing: (a) an exceedance of any relevant criteria in Schedule 3, the Applicant shall notify the affected landowners in writing of the exceedance, and provide regular monitoring results to each affected landowner until the development is again complying with the relevant criteria; and	Blast overpressure exceedances were recorded during the Audit Period. No documentation was available to the Audit verifying that relevant landowners had been notified in accordance with this Condition.	OQ – Letters were provided to affected landowners; these have been uploaded to file sharing platform	Written agreement in place with landowners allowing exceedance of blast criteria. Closed
A-09	Condition 5	The Proponent shall assess and manage project-related risks to ensure that there are no exceedances of the criteria and/or performance measures in schedule 3. Any exceedance of these criteria and/or performance measures constitutes a breach of this approval and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation.	Refer to Non-Compliances listed above.	OQ – Non-Compliance above addressed via tabled replies.	Written agreement in place with landowners allowing exceedance of blast criteria. Closed
A-10	Section 5 Condition 9	By the end of March each year, the Proponent shall review the environmental performance of the project to the satisfaction of the Director-General.	While annual reviews have been published each year, the 2017 Annual review was issued three months late.	OQ – Has addressed all annual returns and dedicated staff have been employed to improve efficiency of administration reporting requirements going forward.	All annual reviews submitted during the period covered by the current audit have been submitted within the required timeframes. Closed

Issue No.	Condition	Requirement	Issue sighted	Oberon Quarries Response	2022 Status
A-11	Section 5 Condition 12	Prior to the commencement of construction on the site, the Proponent shall: (iii) all approved strategies, plans and programs required under the conditions of this approval;	The following plans have been uploaded to the Oberon Quarries Website: a) 2018 Pollution Incident Response Management Plan b) Noise Management Plan c) Blast Management Plan d) Air Quality Plan e) Water Management Plan f) Transport Management Plan g) Landscape and Rehabilitation Management Plan h) Environmental Management Strategy The superseded versions of the plans are currently loaded onto the website.	OQ – Website administration issues have been addressed and utilisation of cloud computing has been adopted to further improve this process.	Current versions of management plans are available on the website. Closed
A-12	Statement of commitments NO.11	There are a number of mitigation and management measures proposed to be implemented for the ongoing operations. These are outlined in Table 7.2	No procedures or controls for the minimisation of greenhouse gas emissions have been developed, implemented and documented in the AQMP.	OQ will conduct review into feasibility of actioning measures to reduce greenhouse emissions from site given small business structing of OQ.	Section 5.2 of the AQMP addresses greenhouse gas minimisation measures. Closed
A-13	EPL 4442 M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this license: a) the date(s) on which the sample was taken; b) the time(s) at which the sample was collected; c) the point at which the sample was taken; and d) the name of the person who collected the sample.	While the monitoring and testing results are maintained (in summary form), full details of the sampling and testing in accordance with this condition is not maintained by Oberon Quarries.	OQ – Records on review include details outlined in points a,b,c,d as required per condition.	Laboratory reports sighted include all required information. Closed

Issue No.	Condition	Requirement	Issue sighted	Oberon Quarries Response	2022 Status
A-14	EPL 4442 M4.2	The record must include details of the following: a) the date and time of the complaint; b) the method by which the complaint was made; c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect; d) the nature of the complaint; e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and f) if no action was taken by the licensee, the reasons why no action was taken.	While copies of correspondence related to some of the complaints received, and summaries of the complaints received were available during the audit, a "Complaints Register" containing the information required by this condition was not being maintained.	OQ received one complaint via letter which was retained, reviewed, actioned and resolved. No further complaints were received in relation to this.	Complaints register documented and maintained. Published on the company website. Closed
A-15	EPL 4442 M4.3	The record of a complaint must be kept for at least 4 years after the complaint was made.	While copies of correspondence related to some of the complaints received, and summaries of the complaints received were available during the audit, a "Complaints Register" containing the information required by this condition was not being maintained.	OQ has developed complaint register.	Records of complaints from 2016 to present were available. closed
A16	EPL 4442 R1.5	The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring license not later than 60 days after the date the transfer was granted (the 'due date').	All annual returns prepared during the audit period where not submitted on time.	OQ has addressed all annual returns and dedicated staff have been employed to improve efficiency of administration reporting requirements.	Records on the EPA Public Register show returns for the period covered by the current audit were submitted within the required timeframe. Closed

Previous Noncompliances

Issue No.	Condition	Requirement	Issue sighted	Oberon Quarries Response	2022 Status
N-02	Section 3 Condition 4	The Proponent shall: (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.	Noise monitoring is no longer undertaken; therefore, an assessment of monitoring data has not been undertaken.	OQ – No change in operations or event have occurred which would warrant noise monitoring to be reinstated.	Regular noise monitoring is not required to be conducted. Closed
N-03	Section 3 Condition 6	The Proponent shall ensure that blasting on the site does not cause exceedances of the criteria in Table 3. a) Air blast Over Pressure - 120 dB(Lin Peak) / 115 120 dB(Lin Peak) 5% of the total number of blasts per year b) Ground Vibration 10 mm/s / 5 mms/s 5% of the total number of blasts per year	Seven production blasts were undertaken in the 2017 calendar year. One exceedance in blast over pressure was recorded. Five production blasts were undertaken during the 2018 Calendar Year. One blast (22 January 2018) exceeded the over pressure limit and represented 5% of the blasts undertaken. Seven production blasts were undertaken in the 2019 calendar year (to date).	OQ – In our view the Isolated over blast events occurrences dose not warrant change in approach as subsequently to isolated events all blast has been within requirements. Consequently, OQ accepts current blasting methods/procedures are effective.	Written agreement in place with landowners allowing exceedance of blast criteria. Closed
N-04	Section 3 Condition 10	The Proponent shall ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the project do not exceed the criteria listed in Table 4 at any residence on privately-owned land.	Monthly dust deposition monitoring (Photo #3) is undertaken, however no TSP or Particulate matter testing is undertaken. Therefore, compliance against the TSP and Particulate Matter criteria could not be verified. Dust deposition testing over the Audit Period: no exceedances were detected in 2019 (year to date), 2018 or 2017.	OQ has meet all dust monitoring requirements. Dust has been controlled as displayed by testing results. OQ given its a silica/asbestos free basalt deposit will investigate inclusion of TPS/Particle Matter testing in dust monitoring management plan.	Dust monitoring has been conducted in accordance with the approved AQMP. TSP and Particulate Matter to be conducted if a complaint is received. Closed
N-05	Section 3 Condition 11	The Proponent shall: (a) implement best practice management to minimise the dust emissions of the development;	The AQMP details the controls to be implemented. All controls except the use of the wheel wash are able to be implemented. There appears to be no provision	OQ established hard stand surfaces and with availability of recommissioned wheel wash to address adverse conditions. Historically no incidents of dust	Wheel wash available for use-verified during site inspection. Pit stockpiles are protected by quarry walls. No dust

			dust control in pit stockpiles.	or loose product leaving site have been reported. Stockpiles dust suppression is via watercart, stockpiles are located within pit thus not subject to disturbances requiring further controls.	exceedances or complaints have been received. Closed
N-06	Section 3 Condition 12	The Proponent shall prepare and implement an Air Quality Management Plan for the project to the satisfaction of the Secretary. This plan must: (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.	Air Quality monitoring program is detailed in Section 6.1 of the Noise Management Plan. The air quality monitoring program does not cover monitoring for TSP and Particulate Matter.	OQ has meet dust monitoring requirements. Dust has been controlled as displayed by testing results. Silica/asbestos free basalt deposit OQ will investigate inclusion of TPS/Particle Matter testing in dust monitoring management plan.	Section 6.2 of the AQMP addresses monitoring of TSP and PM ₁₀ concentrations. TSP and Particulate Matter to be conducted if a complaint is received. Closed
N-07	Section 3 Condition 15	Unless an EPL authorises otherwise, the Applicant shall comply with Section 120 of the POEO Act.	Non compliances with blast over pressure were identified during the audit. A Non-compliance in relation to the dust and water monitoring procedures was identified during the audit.	OQ – Has addressed this item in above responses.	No non-compliances with Section 120 of the POEO Act have occurred. Closed
N-08	Section 3 Condition 18	The Applicant shall ensure that: (c) all laden trucks exiting the site are cleaned of material that may fall on the road, before leaving the site;	Dust and loose material are not actively removed from product trucks prior to leaving the site. The requirement for loose material to be removed from all trucks is contained in both the Transport Management Plan and the Driver Code of Conduct.	OQ disagrees no loose material or dust has been recorded as leaving site. Combination of dedicated weighbridge, hardstand surfaces and sealed haul road has resulted in no event of loose material or dust leaving site from trucks.	During the site visit, no dust or loose material was evident on roads exiting the quarry. Closed

N-09	Section 3 Condition 24	The Applicant shall prepare and implement a Landscape and Rehabilitation Management Plan for the development to the satisfaction of the Secretary. This plan must:	Section 5 of the Landscape and Rehabilitation Management Plan describes the measures to be implemented to ensure compliance with the rehabilitation objectives. The following commitments made in the Plan were not being implemented at the time of the Audit: a) regular weed inspections and weed control b) establishment of Rehabilitation Monitoring.	OQ disagrees weeds are actively monitored and sprayed by contractor Eurogreen. OQ – Rehabilitation monitoring is not required as site has been actively mined and no areas have been identified as starting rehabilitation process. Consequently, establishment of rehabilitation monitoring or action is void at this stage.	No rehabilitation has been conducted; hence no rehabilitation monitoring is required. Communication with the property owner verified that annual wees spraying was conducted. Closed
N-10	Section 3 Condition 24	The Applicant shall prepare and implement a Landscape and Rehabilitation Management Plan for the development to the satisfaction of the Secretary. This plan must:	Section 7 of the Landscape and Rehabilitation Management Plan describes the landscape monitoring that will be undertaken to measure progress and performance. While significant rehabilitation works have not been commenced, the Plan requires the establishment of Residual Vegetation Monitoring and Annual Rehabilitation Monitoring. The programs have not been implemented.	OQ – Rehabilitation monitoring is not required as site is still being actively mined and no areas have been identified as starting rehabilitation process. Consequently, establishment of rehabilitation monitoring or action is void at this stage.	No rehabilitation has been conducted, hence no rehabilitation monitoring is required. Closed
N-11	Section 3 condition 28	The Applicant shall: (b) minimise the waste generated by the development;	There is no program in place to minimise wastes.	OQ agrees no formal waste management plan exists. Minimal waste is generated as most material is recycled. OQ will investigate creation of Waste Management Plan.	Review undertaken by Oberon Quarries. Memo 6/05/2020 states that the Quarry will continue to implement the practices identified in Section 4.3.1 of the EMS. Segregation of waste streams was verified during the site inspection. Closed

N-12	Section 3 condition 28	The Applicant shall: (c) ensure that the waste generated by the development is appropriately stored, handled, and disposed of; and	In general, the management and storage of waste materials were being undertaken in a competent manner with the exception of waste batteries and oils associated with come derelict equipment.	OQ has actioned the cleaned-up batteries, oil and identified unusable derelict equipment. OQ notes most equipment is retained as usable stocked parts for operational equipment.	During the current audit, it was found that oils and chemicals had been stored in unbunded locations. Refer new NC-05.
N-13	Statement of commitments NO.5	Oberon Quarries has committed to implementing the following dust management and mitigation practices: - mist sprays on conveyors discharging to product stockpiles; - undertaking preventative maintenance on all dust suppression plant and equipment; - truck wheel wash facility will be maintained to be fully functional;	The AQMP details the controls to be implemented. All controls except the use of the wheel wash are able to be implemented. There appears to be no provision dust control in pit stockpiles.	OQ has implemented hard stand surfaces and with availability of recommissioned wheel wash to address adverse conditions. Historically no incidents of dust or loose product leaving quarry have been reported. Stockpiles dust suppression is via watercart and stockpiles are located within pit thus not subject to high winds or disturbances requiring further controls.	Wheel wash was available for use. During the site visit, no dust or loose material was evident on roads exiting the quarry. Closed
N-14	Statement of commitments NO.10	To ensure the archaeological impacts of the quarry are minimised, Oberon Quarries has committed to implementing the following management and mitigation measures: - Oberon Quarries should ensure that all parties involved in the Project are aware that it is an offence under Section 86 of the NPW Act to harm or desecrate an Aboriginal object unless that ham1 or desecration is the subject of an AHIP; - in the event that an Aboriginal object (or objects) is uncovered during the proposed works, ground disturbance works will cease within 20 meters of the object(s) and OEH and the relevant Aboriginal parties will be contacted so that appropriate management strategies can be identified;	There has been no training (toolbox session or information in the site induction) to inform staff that it is an offence under Section 86 of the NPW Act to harm or desecrate an Aboriginal object unless that ham1 or desecration is the subject of an AHIP. There is no "unexpected finds procedure" or training that informs employees or contractors of what to do if a suspected heritage artefact is found.	OQ policy for section 86 requirement of the NPW act is within formal induction program completed by all personnel. OQ agree this can be revised via Toolbox meetings and training.	Toolbox talk 10/01/2023 included Aboriginal Archaeology procedure and policy. Site induction includes Aboriginal Archaeology Development Consent requirements. Closed

N-15	EPL 4442 L5.1	The air blast overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.	Seven production blasts were undertaken in the 2017 calendar year. One exceedance in blast over pressure was recorded. Five production blasts were undertaken during the 2018 Calendar Year. One blast (22 January 2018) exceeded the over pressure limit and represented 5% of the blasts undertaken. Seven production blasts were undertaken in the 2019 calendar year (to date).	OQ – In our view Isolated over blast events occurrences dose not warrant change in approach as subsequently to the isolated events all blast has been within requirements. Thus, OQ view is the current blasting methods/procedures are effective.	Private agreement in place with landowners. EPL 4442 L5 Note 1 states: The airblast overpressure and ground vibration levels in conditions L5.1 to L5.4 do not apply at noise sensitive locations that are owned by the licensee or subject to a private agreement, relating to airblast overpressure and ground vibration levels, between the licensee and land owner. Closed
N-16	EPL 4442 L5.2	The air blast overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive locations. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.	Seven production blasts were undertaken in the 2017 calendar year. One exceedance (19 July 2017, 128.7 dB (Lin Peak)) in blast over pressure was recorded. Five production blasts were undertaken during the 2018 Calendar Year. One blast (22 January 2018) exceeded the over pressure limit and represented 5% of the blasts undertaken. Seven production blasts were undertaken in the 2019 calendar year (to date).	OQ – In our view Isolated over blast events occurrences dose not warrant change in approach as subsequently to isolated event all blast has been within requirement. Thus, our view current blasting methods/procedures are effective .	Private agreement in place with landowners. EPL 4442 L5 Note 1 states: The airblast overpressure and ground vibration levels in conditions L5.1 to L5.4 do not apply at noise sensitive locations that are owned by the licensee or subject to a private agreement, relating to airblast overpressure and ground vibration levels, between the licensee and land owner. Closed
N-17	EPL 4442 O1.0	Licensed activities must be carried out in a competent manner. This includes b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.	In general, the management and storage of waste materials were being undertaken in a competent manner with the exception of waste batteries and oils associated with come derelict equipment.	OQ has actioned the clean up of batteries, oil and identified unusable derelict equipment. OQ notes most equipment is retained as reusable stocked parts for operational equipment or fixed plant.	During the current audit, it was found that oils and chemicals had been stored in unbunded locations. Refer new NC-05.

N-18	EPL 4442 O3.0	Licensed activities must be carried out in a competent manner. This includes: The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.	The AQMP details the controls to be implemented. All controls except the use of the wheel wash are able to be implemented. There appears to be no provision dust control in pit stockpiles.	As per previous comment	Wheel wash available for use-verified during site inspection. Pit stockpiles are protected by quarry walls. No dust exceedances or complaints have been received. Closed
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Appendix B. – Auditor Approval



Department of Planning and Environment

Ms Emma Terracini
Environmental Officer
Oberon Quarries Pty Limited
Hargraves Quarry Rd
Oberon, NSW, 2787

15/12/2022

Dear Ms Terracini

**Oberon Quarry Continuation Project (SSD 6333)
Independent Environmental Audit**

I refer to your letter of 14 December 2022 seeking approval of Mr James Hart of James Hart Consulting as the lead auditor for the upcoming Independent Environmental Audit of Oberon Quarry Continuation Project (the development), in accordance with Schedule 5, Condition 10 of State significant development consent SSD 6333 (the consent).

Having considered the qualifications and experience of Mr Hart, the Planning Secretary endorses the appointment of Mr Hart to undertake the audit in accordance with Schedule 5, Condition 10 of the consent. This approval is conditional on Mr Hart being independent of the development.

The audit is to be conducted in accordance with AS/NZS ISO 19011 Australian/New Zealand Standard: Guidelines for quality and/or environmental management systems auditing and the auditor may wish to consider the Independent Audit Post Approval Requirements (Department 2020 or as updated). A copy of this guideline can be located at <http://planning.nsw.gov.au/Policy-and-Legislation/Mining-and-Resources/Integrated-Mining-Policy>.

The audit report is to include the following:

1. consultation with the relevant agencies;
2. a compliance table indicating the compliance status of each condition of approval and any relevant EPL;
3. not use the term "partial compliance";
4. recommend actions in response to non-compliances;
5. review the adequacy of plans and programs required under this consent; and
6. identify opportunities for improved environmental management and performance.

Within six weeks of the completing of this audit, Oberon Quarries is to submit a copy of the audit report to the Planning Secretary, together with its response to any recommendations contained in the audit report and a timetable to implement the recommendations. Prior to submitting the audit report to the Planning Secretary, it is recommended that Oberon Quarries review the report to ensure it complies with the relevant consent condition.

Department of Planning and Environment



Should you have any enquiries in relation to this matter, please contact Georgia Dragicevic, Senior Compliance Officer, on (02) 4247 1852 or by email to Georgia.Dragicevic@planning.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink, appearing to read "K. O'Reilly", enclosed in a light grey rectangular box.

Katrina O'Reilly
Team Leader - Compliance
Compliance

As nominee of the Planning Secretary

Appendix C. – Audit Tables

6 Audit Checklist – Development Consent SSD-6333

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
Schedule 2 – Administrative Controls						
Obligation to Minimise Harm to the Environment						
1.	1	In addition to meeting the specific performance measures and criteria established under this consent, the Applicant shall implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation, or rehabilitation of the development.		Audit findings demonstrate the project has been carried out in general accordance with the project requirements. No environmental harm as a result of project activities has been identified.	Compliant	
Terms of Approval						
2.	2	The Applicant shall carry out the development: (a) generally in accordance with the EIS; (b) in accordance with the Development Layout and Statement of Commitments; and (c) in accordance with the conditions of this consent. <i>Notes:</i> • <i>The Development Layout is shown in the figures in Appendix 1.</i>		Non-compliances have been identified with the requirements of the conditions of consent, triggering a non-compliance with this condition.	Not Compliant	NC-01
3.	3	If there is any inconsistency between the above documents, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this consent shall prevail to the extent of any inconsistency.		No inconsistencies have been identified.	Not Triggered	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
4.	4	The Applicant shall comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of: (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this consent; (b) any reviews, reports or audits undertaken or commissioned by the Department regarding compliance with this consent; or (c) the implementation of any actions or measures contained in these documents.		The audit results show that the applicant had complied with the requirements of the Secretary.	Compliant	
5.	5	If the development has not been physically commenced within 5 years of the date of this consent, then this development consent shall lapse.			Compliant	
Limits of Approval						
6.	6	The Applicant shall not extract extractive materials below a level of 1125 m AHD.	Surface Contours 1m Feb 2023	Survey data sighted. Showed extraction to 1151m AHD.	Compliant	
7.	7	Quarrying operations may take place on site until 30 August 2045		Current year 2023	Compliant	
8.	8	The Applicant shall not transport more than 400,000 tonnes of quarry products from the site in any calendar year.	Oberon Quarry Project Annual Review 2020 for the period 1 January 2020 to 31 December 2020. Oberon Quarry Project Annual Review 2021 for the period 1 January 2021 to 31 December 2021.	Total tonnage for: 2020 – 304,767 Tonnes 2021 – 293,300 Tonnes 2022 - 290847.3 Tonnes	Compliant	
9.	9	The Applicant shall not transport more than 3,000 tonnes of quarry products from the site on any day.	Receivable Invoice Details Oberon Quarries	Records reviewed show maximum quantity dispatched in one month was 2919.01T in November 2022.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
10.	10	Within 6 months of the date of this consent, or as otherwise agreed by the Secretary, the Applicant shall surrender the previous development consent	Independent Environmental Audit: Oberon Quarry Continuation Project SSD 6333, NSW, Audit Number: 1219, AQUAS, January 2017	Surrendered 2/12/2015. Verified 2017 audit.	Compliant	
11.	11	Prior to the surrender of development consent DA 92/164, the conditions of this consent shall prevail to the extent of any inconsistency with the conditions of development consent DA 92/164.	Independent Environmental Audit: Oberon Quarry Continuation Project SSD 6333, NSW, Audit Number: 1219, AQUAS, January 2017	Surrendered 2/12/2015, prior to the period covered by the current audit.	Compliant	
Structural Adequacy						
12.	12	The Applicant shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.	Site interview	No new buildings or structures erected.	Not Triggered	
Demolition						
13.	13	The Applicant shall ensure that all demolition work is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version.	Site interview	No demolition work had been conducted	Not Triggered	
Protection of Public Infrastructure						
14.	14	The Applicant shall: (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development. Note: This condition does not apply to damage to roads caused as a result of general road usage.	Site interview	No impact on public infrastructure	Not Triggered	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
Operation of Plant and Equipment						
15.	15	The Applicant shall ensure that all the plant and equipment used at the site is: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient manner.	Feeder/ Conveyor internal maintenance logbook. Caterpillar 980H 28,500 hour service, repairs 11/11/2021 Caterpillar 980M 3500 hour service 11/06/2022. Caterpillar 972H 8250hour service 12/02/2022 Hitachi 400LCH 10500 hour service 12/11/2022	Plant and equipment maintenance outsourced to Highland Mechanical. Records of servicing and repairs available.	Compliant	
Production Data						
1.	17	The Applicant shall: (a) provide annual quarry production data to DRE using the standard form for that purpose; and (b) include a copy of this data in the Annual Review (see condition 9 of Schedule 5).	Oberon Quarry Project Annual Review 2020 for the period 1 January 2020 to 31 December 2020. Oberon Quarry Project Annual Review 2021 for the period 1 January 2021 to 31 December 2021.	Annual production data was provided in Section in Table 8 of the AEMR. Records were not available to verify that annual quarry production data had been provided to DRE (now MEG) using the standard form for that purpose. Recommendation Oberon Quarries should ensure that the DRE standard form for annual production data is completed and submitted to DRE.	Not Compliant	NC-02
Identification of Approved Extraction Limits						
2.	17	By 30 November 2015, unless otherwise agreed with the Secretary, the Applicant shall: (a) engage a registered surveyor to mark out the boundaries of the approved limits of extraction within the development area; and (b) submit a survey plan of these boundaries with applicable GPS coordinates to the Secretary.	Independent Environmental Audit: Oberon Quarry Continuation Project SSD 6333, NSW, Audit Number: 1219, AQUAS, January 2017	Survey record available. Completed 29/11/15.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
3.	18	While quarrying operations are being carried out, the Applicant shall ensure that these boundaries are clearly marked at all times in a manner that allows operating staff to clearly identify the approved limits of extraction.	Site Inspection	Survey markers placed in 2015 on boundary by surveyor to clearly identify limit of extraction. Survey February 2023 showed no extraction outside of the boundary.	Compliant	
Development Contributions						
4.	19	The Applicant shall pay Council road maintenance contributions for the maintenance/repair of public roads. The contribution shall be: (a) paid at a rate of \$0.482 per tonne of extractive materials hauled from the site; (b) paid every month based on the material transported in the preceding month; and (c) indexed annually to changes in the Consumer Price Index (All Groups). <i>Notes: If the parties are not able to agree on any aspect of the road maintenance contributions, either party may refer the matter to the Secretary for resolution.</i>	Spreadsheet – Oberon Quarries Payable Invoice 1/01/2020 to 31/12/2022.	Records sighted to show that monthly contributions had been paid to Oberon Council (1/01/2020 to 31/12/2022)	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
Schedule 3 - ENVIRONMENTAL PERFORMANCE CONDITIONS						
Noise						
5.	1	The Applicant shall comply with the operating hours set out in Table 1. <i>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.</i>	Site induction Drivers code of Conduct – 2020 Site interview	Operating hours were identified in the site induction and understood by persons on site.	Compliant	
6.	2	The following activities may be carried out on the site outside the hours specified in condition 1: (a) delivery or dispatch of materials as requested by Police or other authorities; and (b) emergency work to avoid the loss of lives, property and/or to prevent environmental harm. In such circumstances, the Applicant shall notify the Secretary and affected residents prior to undertaking the activities, or as soon as is practical thereafter.		No activities outside of normal working hours.	Not Triggered	
Noise Impact Assessment Criteria						
7.	3	The Applicant shall ensure that the noise generated by the development does not exceed the criteria in Table 2 (Table 2: Noise criteria dB(A))at any residence on privately-owned land. Noise generated by the development is to be measured in accordance with the relevant requirements and exemptions (including certain meteorological conditions) of the NSW Industrial Noise Policy. Appendix 4 sets out the meteorological conditions under which these criteria apply and the requirements for evaluating compliance with these criteria. However, these criteria do not apply if the Applicant has an agreement with the relevant landowner to exceed the noise criteria in Table 2, and the Applicant has	Noise Management Plan , Ver 04, Appendix 2 – Noise Agreements. Letter from the Secretary 2/02/2017 2017 approving discontinuation of quarterly monitoring, with noise monitoring to be conducted if a noise complaint is received and unable to be resolved.	Noise controls identified in Section 5.0 of the NMP. Controls implemented include: • Machines not left idling; • Regular maintenance of equipment; • Quarry is enclosed with walls all sides. • Limits on truck speeds • Restrictions on truck movements. Agreement in place with landowners to exceed the noise criteria.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		advised the Department in writing of the terms of this agreement.				
Operating Conditions						
8.	4	The Applicant shall: (a) implement best practice management to minimise the operational and road transportation noise of the development; (b) minimise the noise impacts of the development during meteorological conditions when the noise criteria in this consent do not apply (see Appendix 4); (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 (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.	Noise Management Plan , Ver 04, Appendix 2 – Noise Agreements. Letter from the Secretary 2/02/2017 approving discontinuation of quarterly monitoring, with noise monitoring to be conducted if a noise complaint is received and unable to be resolved.	Noise controls identified in Section 5.0 of the NMP. Controls implemented include: • Machines not left idling; • Regular maintenance of equipment; • Quarry is enclosed with walls all sides. • Limits on truck speeds • Restrictions on truck movements. Noise complaint received September 2020 relating to excess truck noise and truck movements prior to 6.00am. Surveillance by DPE on 15/10/2020 indicated excessive noise from engine brakes , particularly when entering the quarry site. Investigated by Oberon Quarries and response to DPE provided 24/11/2020. Noise source found to be a Council owned cattle grid, which was repaired by Oberon Quarries. No further complaints have been received. Recommendation: Oberon Quarries should consider providing additional training to truck drivers on restrictions in relation to truck movements. Consider	Not Compliant	NC-03

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
				implementing a surveillance program to routinely check compliance with truck movement restrictions.		
Noise Management Plan						
9.	5	The Applicant shall prepare and implement a Noise Management Plan 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; (b) describe the measures that would be implemented to ensure compliance with the noise criteria and operating conditions of this consent; (c) describe the proposed noise management system in detail; and (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.	Noise Management Plan Oberon Quarries Pty Ltd, Report No 1296/R68/V4, May 2018. Letter from DPE 8/11/2018 – Oberon Quarry Continuation Project (SSD 6333) Environmental Management Plans	Approval of initial plan verified during previous audits. Updated plan (May 2018) approved by DPE 8/11/2018.	Compliant	
Blasting Impact Criteria						
10.	6	The Applicant shall ensure that blasting on site does not cause any exceedance of the criteria in Table 3. However, these criteria do not apply if the Applicant has a written agreement with the relevant landowner to exceed the limits in Table 3, and the Applicant has advised the Department in writing of the terms of this agreement.	Agreement received from the resident at 167 Harveys Road on 17/04/2018 stating they have no objection to Oberon Quarries generating higher blast noise and vibration levels. Renewed agreement with resident at 167 Harveys Road 14/01/2022.	Agreement in place to allow for higher blast noise and vibration levels. Blast result for 19/06/2020 and 3/08/2020 exceeded the Peak Airblast Pressure, No exceedances 2021. No exceedances 2022	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
			Blast records 2022 (Electronic)			
Blasting Frequency						
11.	7	The Applicant may carry out a maximum of 2 blasts per week, unless an additional blast is required following a blast misfire. This condition does not apply to blasts required to ensure the safety of the quarry or workers on site. <i>Note: For the purposes of this condition, a blast refers to a single blast event, which may involve a number of individual blasts fired in quick succession in a discrete area of the quarry.</i>	Oberon Quarry Project Annual Review 2020 for the period 1 January 2020 to 31 December 2020. Oberon Quarry Project Annual Review 2021 for the period 1 January 2021 to 31 December 2021. Blast records 2022 (Electronic)	Records show: • 12 Blasts in 2020 • 10 blasts in 2021 • 7 blasts in 2022 Two blasts 3/03/2021, 10/01/2020, 19/06/2020 – Phased blast due to area of quarry being worked.	Compliant	
Operating Conditions						
12.	8	During blasting operations, the Applicant shall: (a) implement best management practice to: • protect the safety of people and livestock in areas surrounding blasting operations; • protect public or private infrastructure/property in the surrounding area from damage from blasting operations; and • minimise dust and fume emissions from blasting; (b) operate a suitable system to enable the local community to get up-to-date information on the proposed blasting schedule on site; and (c) carry out regular monitoring to determine whether the development is complying with the relevant conditions of this consent, to the satisfaction of the Secretary.	Site Blast Records 19/06/2020, 3/03/2021, 17/01/2022	Blast Management Controls are described in Section 6 of the Blast Management Plan. Blast Management Plan developed for each blast. Includes controls and records associated with blast. No blast related complaints were received during the Audit Period. The following documentation was available for each blast: • Blast Management Plan • Blast layout plan, • Blast design. • Explosives to be used/ charging details. • Security and safety arrangements • Record Communications and Notifications • Post Blast Analysis	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
				- Blast Event Report - Blast notification to Oberon Council, EPA and residents 19/06/2020. - Drill and Blast Shot Plan - Quarry staff contacts list No incidents reported as a result of blasting		
Blast Management Plan						
13.	9	The Applicant shall prepare and implement a Blast Management Plan 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; (b) describe the measures that would be implemented to ensure compliance with the blast criteria and operating conditions in conditions 7 and 8 above; (c) include a monitoring program for evaluating and reporting on compliance with the blasting criteria in this consent; (d) include community notification procedures for the blasting schedule; and (e) include a protocol for investigating and responding to complaints.	Blast Management Plan Oberon Quarries Pty Ltd, Report No 1296/R70/V3, August 2017. Letter from DPIE to Oberon Quarries titled "Oberon Quarry Continuation Project (SSD 6333) Environmental Management Plans" dated 22 February 2018, approving the revised versions of the Blast, Water and Transport Management Plans and the Environmental Management Strategy. Blast Plan 19/06/2020.	Blast Management plan prepared. Submission to DPE and approval verified in 2017 audit.	Compliant	
Air Quality Impact Assessment Criteria						
14.	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	2020 EPL Monitoring Report 4. 2021 EPL Monitoring Report 5. Jan-Dec-22 Oberon Results	Air quality management controls were identified in Section 5.1 of the AQMP.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		exceedances of the criteria in Table 4 at any residence on privately-owned land.		Dust deposition monitoring results show no exceedances occurred in period covered by the current audit. No monitoring of TSP or PM ₁₀ particulate matter has been conducted. Noted that the AQMP requires monitoring of deposited dust only and assumes compliance with TSP and PM ₁₀ limits, with no monitoring unless a complaint in regard to TSP or PM ₁₀ concentrations is received.		
Operating Conditions						
15.	11	The Applicant shall: (a) implement best practice management to minimise the dust emissions of the development; (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; (c) minimise the air quality impacts of the development during adverse meteorological conditions and extraordinary events (see note under Table 4); (d) monitor and report on compliance with the relevant air quality conditions in this consent; (e) implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site; and (f) minimise the area of surface disturbance and undertake progressive rehabilitation of the site, to the satisfaction of the Secretary.	Air Quality Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R71/V5, May 2018. Site inspection	General controls for the management of air quality were identified in Section 5.1 of the Air Quality Management Plan. Water cart used to minimise dust generation within the quarry. Meteorological data provided from Borgs weather station Oberon. No complaints received regarding dust emissions. During the site inspection, it was noted that there were no large areas of surface disturbance, and rehabilitation had commenced in some areas of the quarry.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
Air Quality Management Plan						
16.	12	The Applicant shall prepare and implement an Air Quality Management Plan 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; (b) describe the measures that would be implemented to ensure compliance with the air quality criteria and operating conditions of this consent; (c) describe the proposed air quality management system; (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.	Air Quality Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R71/V5, May 2018. Independent Environmental Audit: Oberon Quarry Continuation Project SSD 6333, NSW, Audit Number: 1219, AQUAS, January 2017 Oberon Quarries Independent environmental Audit, Barnett and May, 10 January 2020 Letter from DPE 8/11/2018 – Oberon Quarries Continuation Project (SSD 6333) Environmental Management Plans	Submission verified by AQUAS 2017 audit. Updated AQMP – May 2018 submitted to DPE and approved 8/11/2018. Verified 2019 audit.	Compliant	
Meteorological Monitoring						
17.	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.	Site Interview	Meteorological data was obtained from the Bureau of Meteorology's (BOM) Oberon (Albion Street) Weather Station (Station No. 063063) located approximately 4.6km north-northeast of the Quarry.	Compliant	
SOIL AND WATER						
Water Supply						
18.	14	The Applicant shall ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of operations under the consent to match its	Water Access Licence WAL 34279	Water Access Licence WAL 34279 obtained with a share component of 2.0ML.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		available water supply, to the satisfaction of the Secretary. <i>Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Applicant is required to obtain the necessary water licences for the development, including in respect of the extraction and/or interception of groundwater.</i>		No water extracted during the period covered by the current audit. Five dams on site which provide capacity to contain in excess of a 1 in 100-year, 24-hour rainfall event (154mm). Stored water is utilised for dust suppression on site, with an additional two 11kL water tanks providing a contingency water supply during prolonged dry periods.		
Water Pollution						
19.	15	Unless an EPL authorises otherwise, the Applicant shall comply with Section 120 of the POEO Act.	2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results	Monitoring results have not identified any non-compliance with Section 120 of the POEO Act.	Compliant	
Water Management Plan						
20.	16	The Applicant shall prepare and implement a Water Management Plan for the development to the satisfaction of the Secretary. This plan must: (a) be prepared by suitably qualified person/s approved by the Secretary; (b) be prepared in consultation with the EPA and DPI-Water; (c) be submitted to the Secretary for approval within 6 months of the date of this consent, unless otherwise agreed by the Secretary; (d) include a: (i) Site Water Balance that includes: • details of: ➤ sources and security of water supply; ➤ water use and management on site; ➤ any off-site water transfers; and	Water Management Plan, Oberon Quarries Pty Ltd, Report No. 1296/R72/V4, August 2017. Oberon Quarries Independent environmental Audit, Barnett and May, 10 January 2020. 2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results	Water Quality Management Plan Initially approved on 2/08/16. WMP updated in 2017 and approved. WMP contents verified previous audit. Water quality monitoring conducted. Surface and groundwater results do not show any adverse impact on water quality.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		➤ reporting procedures. • measures that would be implemented to minimise clean water use on site; (ii) Surface Water Management Plan, that includes: • detailed baseline data on surface water flows and quality in water bodies that could potentially be affected by the development; • a detailed description of the surface water management system on site including the: ➤ clean water diversion system; ➤ erosion and sediment controls; ➤ dirty water management system; and ➤ water storages; and • a program to monitor and report on: ➤ any surface water discharges; ➤ the effectiveness of the water management system; ➤ maintaining sufficient dirty water storage capacity to avoid discharges of sediment-laden water; and ➤ surface water flows and quality in local watercourses; (iii) Groundwater Management Plan, that includes: • baseline data on groundwater levels, yield and quality in local aquifers and privately-owned groundwater bores that could be potentially affected by the development; • a program to monitor and report on groundwater inflows to the quarry pit and the impacts of the development on surrounding aquifers and privately-owned groundwater bores; and • an analysis of the monitoring results to predict long-term water levels within the quarry void;				

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		and (iv) Surface and Ground Water Contingency Strategy, that includes: • a protocol for the investigation, notification and mitigation of identified impacts on surface water flows and quality in water bodies and/or groundwater levels, yield and quality in local aquifers and privately-owned groundwater bores that could be potentially affected by the development; and • the procedures that would be followed if any unforeseen impacts are detected during the development.				
Transport						
Monitoring of Product Transport						
21.	17	The Applicant shall keep accurate records of all truck movements to and from the site (hourly, daily, and weekly, monthly and annually) and publish a summary of records on its website every 6 months.	Website Summary Jan 2020 to December 2020 Website Summary Transport Movements Jan 2021 to December 2021 Website Summary Jan 2022 to December 2022 Truck Dockets 18/05/2021, 20/11/2020, 28/11/2020, 18/11/2020, 10/11/2020	Published on website. Data January 2020 to December 2022	Compliant	
Operating Conditions						
22.	18	The Applicant shall ensure that: (a) all reasonable measures are taken such that laden trucks have appropriate signage, including a contact phone number, so they can be easily identified by road users; (b) all laden trucks entering or exiting the site have their loads covered;	Driver induction and Code of Conduct. Site Induction records Website Summary Jan 2020 to December 2020	Queued trucks whilst DPE monitored. Quarry closes at 6pm daily. No loading is undertaken after 6pm. Drivers sign a code of conduct which includes acknowledgement of restrictions on truck queues and noise, covering of loads, etc.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		(c) all laden trucks exiting the site are cleaned of material that may fall on the road, before leaving the site; (d) during the periods 6 am to 7 am and 6 pm to 10 pm, a maximum of 4 laden vehicles per hour shall leave the site; and (e) no trucks queue at the entrance to the site before 6 am.	Website Summary Transport Movements Jan 2021 to December 2021 Website Summary Jan 2022 to December 2022 Truck Dockets 18/05/2021, 20/11/2020, 28/11/2020, 18/11/2020, 10/11/2020	All trucks sighted during the audit had their loads covered. Review of daily truck dockets for selected high truck movement days showed that during the periods 6 am to 7 am and 6 pm to 10 pm, a maximum of 4 laden vehicles per hour left the site. 18/05/2021- 3 trucks, 6 am to 7 am 10/11/2020 – 4 trucks, 6 am to 7 am 20/11/2020 4 trucks, 6 am to 7 am 18/11/2020 - 4 trucks, 6 am to 7 am 28/11/2020 4 trucks, 6 am to 7 am		
Further Road Maintenance and Contributions						
23.	19	Within 6 months from the date of this consent the Applicant shall provide and install "Intersection Advance" (G1-207) warning signage on the eastbound approach to the intersection of Duckmaloi Road and Titania Road.	Oberon Quarries Independent environmental Audit, Barnett and May, 10 January 2020	Installation of the Intersection Advance" (G1-207) warning signage on the eastbound approach to the intersection of Duckmaloi Road and Titania Road was verified during the audit conducted in 2019.	Compliant	
24.	20	Within two weeks of receiving a written request from Council, or as otherwise agreed by Council, the Applicant shall: (a) provide Council with sufficient 14/7 mm sealing aggregate for the intersections of Shooters Hill and Edith Roads; Edith and Titania Roads; and Titania and Duckmaloi Roads; and (b) provide Council with sufficient DGB 20 road base to reconstruct the pavement at the intersection of Edith and Titania Roads to a depth of 200 mm. <i>Notes:</i>	Site Interview	No written requests have been received from Council.	Not Triggered	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		- The minimum required quantities of materials for each intersection listed in 20(a) and 20(b) are shown in Appendix 5. - If the parties are not able to agree on any aspect of the maintenance contributions, either party may refer the matter to the Secretary for resolution.				
Transport Management Plan						
25.	21	The Applicant shall prepare and implement a Transport Management Plan 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; (b) include a Drivers' Code of Conduct to minimise the impacts of development-related trucks on local residences and road users; and (c) describe the measures that would be put in place to ensure compliance with the Drivers' Code of Conduct.	Transport Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R69/V2, August 2017. Oberon Quarries Independent environmental Audit, Barnett and May, 10 January 2020	Transport Management Plan prepared for the project. Drivers code of conduct included in Appendix 1. TMP contents verified previous audit.	Compliant	
LANDSCAPE AND REHABILITATION						
Rehabilitation Objectives						
26.	22	The Applicant shall rehabilitate the site to the satisfaction of the Secretary. This rehabilitation must be generally consistent with the rehabilitation strategy set out in the EIS and the conceptual final landform shown in Appendix 3 and must comply with the objectives in Table 5.	Site interview/ inspection.	No rehabilitation has been undertaken at this stage of the project.	Not Triggered	
Progressive Rehabilitation						
27.	23	The Applicant shall rehabilitate the site progressively, that is, as soon as reasonably practicable following disturbance. All reasonable and feasible measures must be taken to minimise the total area exposed for dust generation at any time. Interim stabilisation	Site interview/ inspection.	The active disturbance area has remained unchanged throughout the period covered by this audit.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		measures must be implemented where reasonable and feasible to control dust emissions in disturbed areas that are not active and which are not ready for final rehabilitation. <i>Note: It is accepted that parts of the site that are progressively rehabilitated may be subject to further disturbance in future.</i>				
Landscape and Rehabilitation Management Plan						
28.	24	The Applicant shall prepare and implement a Landscape and Rehabilitation Management Plan 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; (b) provide details of the conceptual final landform and associated land uses for the site; (c) describe the short, medium and long-term measures that would be implemented to ensure compliance with the rehabilitation objectives and progressive rehabilitation obligations in this consent; (d) include a detailed description of the measures that would be implemented over the next 3 years (to be updated for each 3 year period following the 3 years covered by the initial approval of the plan) including the procedures to be implemented for: • maximising the salvage of environmental resources within the approved disturbance area for beneficial reuse; • protecting vegetation and fauna habitat outside the approved disturbance area on-site; • minimising the impacts on native fauna; • landscaping the site to minimise visual and lighting impacts;	Landscape and Rehabilitation Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R3/V5, dated May 2018. Letter from DPE 8/11/2018 – Oberon Quarries Continuation Project (SSD 6333) Environmental Management Plans	LRMP initially approved 24/05/16. Updated LRMP approved 8/11/2018. Compliance with requirements b) to g) verified previous audit.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		• reviewing improved pasture species and application rates; • controlling weeds and feral pests; • controlling erosion; • controlling access; and • bushfire management; (e) include a program to monitor and report on the effectiveness of these measures, and progress against the performance and completion criteria; (f) identify the potential risks to the successful rehabilitation of the site, and include a description of the contingency measures that would be implemented to mitigate these risks; and (g) include details of who would be responsible for monitoring, reviewing, and implementing the plan.				
Rehabilitation Bond						
29.	25	Within 6 months of the approval of the Landscape and Rehabilitation Management Plan, the Applicant shall lodge a Rehabilitation Bond with the Department to ensure that the rehabilitation of the site is implemented in accordance with the performance and completion criteria set out in the plan and relevant conditions of this consent. The sum of the bond shall be determined by: (a) calculating the cost of rehabilitating the site, taking into account the likely surface disturbance over the next 3 years of quarrying operations; and (b) employing a suitably qualified quantity surveyor or other expert to verify the calculated costs, to the satisfaction of the Secretary. <i>Notes:</i> • <i>If capital and other expenditure required by the Landscape and Rehabilitation Management Plan is largely complete, the Secretary may waive the</i>	Oberon Quarries Independent environmental Audit, Barnett and May, 10 January 2020 Bankers Undertaking 27/09/2018. Bankers Undertaking Account No 555208622 27 September 2018.	Submission verified previous audit.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		<i>requirement for lodgement of a bond in respect of the remaining expenditure.</i> <i>If the rehabilitation of the site is completed to the satisfaction of the Secretary, then the Secretary will release the bond. If the rehabilitation of the site is not completed to the satisfaction of the Secretary, then the Secretary will call in all or part of the bond, and arrange for the completion of the relevant works.</i>				
30.	26	Within 3 months of each Independent Environmental Audit (see condition 10 of Schedule 5), the Applicant shall review, and if necessary revise, the sum of the Rehabilitation Bond to the satisfaction of the Secretary. This review must consider the: (a) effects of inflation; (b) likely cost of rehabilitating the site (taking into account the likely surface disturbance over the next 3 years of the development); and (c) performance of the implementation of rehabilitation of the site to date.	Record of Review 26/01/2020.	Sighted record of review of Rehabilitation Bond (26/01/2020), had been reviewed by the CFO following the previous Independent Environmental Audit. However, the bond review was not submitted to the Secretary for review and acceptance. Recommendation: Oberon Quarries should implement a process to ensure the review of the Rehabilitation Bond is provided to the Secretary for review and acceptance.	Not Compliant	NC-04
Visual						
31.	27	The Applicant shall implement all reasonable and feasible measures to minimise the visual and off-site lighting impacts of the development to the satisfaction of the Secretary.		Addressed in the Landscape and Rehabilitation Plan (Section 5.3.3). The location of the quarry minimises the potential visual and lighting offsite impact.	Compliant	
Waste						
32.	28	The Applicant shall: (a) manage on-site sewage treatment and disposal in accordance with the requirements of its EPL, and to the satisfaction of the EPA and Council;	Oberon Trash-Pak invoices 2020 to January 2023 for Removal of septic waste	Pump-out system installed for sewage management. Records available to verify the septic system was regularly pumped out.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		(b) minimise the waste generated by the development; (c) ensure that the waste generated by the development is appropriately stored, handled, and disposed of; and (d) report on waste management and minimisation in the Annual Review, to the satisfaction of the Secretary.		Waste management included in the Section 6.8 of the Annual Reviews.		
33.	29	Except as expressly permitted in an EPL, the Applicant must not receive waste at the site for storage, treatment, processing, reprocessing or disposal.	Site interview and inspection	Waste not received at the site	Not Triggered	
Liquid Storage						
34.	30	The Applicant shall ensure that all tanks and similar facilities for storage of liquids (other than for water) are protected by appropriate bunding, which must exceed 110% of the stored volume of the liquid.	Site inspection	Bulk storage tanks sighted had been appropriately bunded. During the site inspection, unbunded oil and chemical containers were sighted in the maintenance area and adjacent to the storage container located within the quarry. Recommendation: Oil and chemical containers should be stored in appropriately bunded facilities.	Not Compliant	NC-05
Dangerous Goods						
35.	31	The Applicant shall ensure that the storage, handling, and transport of dangerous goods is done in accordance with the relevant Australian Standards, particularly AS1940 and AS1596, and the Dangerous Goods Code.	Chemical Hazardous Substances Register and Safety Data Sheets. Site Inspection	Other than fuel, limited quantities of dangerous goods are stored at the quarry maintenance area. All dangerous goods sighted by the Auditor were appropriately stored.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
Bushfire						
36.	32	The Applicant shall: (a) ensure that the development is suitably equipped to respond to any fires on site; and (b) assist the Rural Fire Service and emergency services as much as possible if there is a fire in the vicinity of the site.	Plant Map (showing the location of fire extinguishers and evacuation points). Site Inspection	Appropriate firefighting equipment was sighted by the Auditor around the site, including at fuel storage areas, weighbridge and crushing plant. Reported that no requests to assist the Rural Fire Service and emergency services has been received.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
Schedule 4 –Additional Procedures						
NOTIFICATION OF LANDOWNERS						
37.	1	As soon as practicable after obtaining monitoring results showing: (a) an exceedance of any relevant criteria in Schedule 3, the Applicant shall notify the affected landowners in writing of the exceedance, and provide regular monitoring results to each affected landowner until the development is again complying with the relevant criteria; and (b) an exceedance of any relevant air quality criteria in Schedule 3, the Applicant shall send a copy of the NSW Health fact sheet entitled “Mine Dust and You” (as may be updated from time to time) to the affected landowners and current tenants of the land (including the tenants of land which is not privately-owned).		No exceedances have been reported which require notification to landowners.	Not Triggered	
INDEPENDENT REVIEW						
38.	2	If an owner of privately-owned land considers the development to be exceeding the relevant criteria in Schedule 3, then he/she may ask the Secretary in writing for an independent review of the impacts of the development on his/her land. If the Secretary is satisfied that an independent review is warranted, then within 2 months of the Secretary’s decision, the Applicant shall: (a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to: • consult with the landowner to determine his/her concerns; • conduct monitoring to determine whether the development is complying with the relevant criteria in Schedule 3; and		No independent review has been requested	Not Triggered	

		• if the development is not complying with these criteria, then identify measures that could be implemented to ensure compliance with the relevant criteria; and (b) give the Secretary and landowner a copy of the independent review.				
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JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
Schedule 5- Environmental Management, Reporting and Auditing						
ENVIRONMENTAL MANAGEMENT STRATEGY						
39.	1	The Applicant shall prepare and implement an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must: (a) be submitted to the Secretary for approval within 6 months of the date of this consent; (b) provide the strategic framework for environmental management of the development; (c) identify the statutory approvals that apply to the development; (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (e) describe the procedures that would be implemented to: • keep the local community and relevant agencies informed about the operation and environmental performance of the development; • receive, record, handle and respond to complaints; • resolve any disputes that may arise during the course of the development; • respond to any non-compliance; • respond to emergencies; and (f) include: • copies of any strategies, plans and programs approved under the conditions of this consent; and A clear plan depicting all the monitoring to be carried out under the conditions of this consent	Environmental Management Strategy, Oberon Quarries Pty Ltd, 1296/R74/V4 August 2017. Oberon Quarries Independent environmental Audit, Barnett and May, 10 January 2020	Environmental Management Strategy Submitted and initially approved 24/05/16. Updated to include reference to the Emergency Management Plan and resubmitted 13/12/16. Approved 20/12/16. Compliance with requirements of requirements a to f verified previous audit. The EMS requires environmental inspections to be conducted at least monthly. While records of inspections were available, records did not show that inspections had been conducted at least monthly. It was noted that additional inspections had been conducted following rainfall events. Recommendation: Environmental inspections should be conducted in accordance the requirements of the Environmental Management Strategy.	Not Compliant	NC-06

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
Management Plan Requirements						
40.	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; (b) a description of: • 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; (c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria; (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); (e) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant performance of the development over time; (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	Environmental Management Strategy, Oberon Quarries Pty Ltd, 1296/R74/V4 August 2017. Noise Management Plan Oberon Quarries Pty Ltd, Report N0 1296/R68/V4, May 2018. Blast Management Plan Oberon Quarries Pty Ltd, Report No 1296/R70/V3, August 2017. Air Quality Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R71/V5, May 2018. Water Management Plan, Oberon Quarries Pty Ltd, Report No. 1296/R72/V4, August 2017. Transport Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R69/V2, August 2017. Landscape and Rehabilitation Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R3/V5, dated May 2018..	Management plans as required by the conditions of consent have been developed and have been approved by the department.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		(h) a protocol impact assessment criteria as quickly as possible; (f) a program to investigate and implement ways to improve the environmental for periodic review of the plan. <i>Note: The Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</i>				
Application of Existing Management Plans						
41.	3	Prior to the approval of management plans under this consent, the Applicant shall manage development undertaken pursuant to this consent in accordance with any equivalent or similar management plan/s required under development consent DA 92/164.	Site interview	No management plans have been updated during the period covered by the current audit.	Not Triggered	
Staged Submission of Strategies, Plans or Programs						
42.	4	With the approval of the Secretary, the Applicant may submit any strategies, plans or programs required by this consent on a progressive basis. <i>Note: If the submission of any strategy, plan or program is to be staged; then the Applicant must ensure that the existing strategy, plan or program clearly describes the specific stage to which the strategy, plan or program</i>		No strategies, plans or programs have been required to be submitted during the period covered by the current audit.	Not Triggered	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
Revision of Strategies, Plans and Programs						
43.	5	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 to 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. <i>Note: The purpose of this condition is to ensure that strategies, plans and programs are regularly updated to incorporate any measures recommended to improve environmental performance of the development.</i>	Letter to DPE 23/01/2023 re Review of Noise Management Plan	No evidence that the plans have been reviewed within 3 months of submission of the annual reviews or the previous audit. Noted that the Noise Management Plan had been reviewed (23/01/2023) with no changes required.	Not Compliant	NC-05
Adaptive Management						
44.	6	The Applicant must assess and manage development-related risks to ensure that there are no exceedances of the criteria and/or performance measures in Schedule 3. Any exceedance of these criteria and/or performance measures constitutes a breach of this consent and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation. Where any exceedance of these criteria and/or performance measures has occurred, the Applicant must, at the earliest opportunity: (a) take all reasonable and feasible steps to ensure that the exceedance ceases and does not reoccur; (b) consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any		No reported exceedances of criteria or performance measures.	Not Triggered	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		preferred remediation measures or other course of action; and (c) implement remediation measures as directed by the Secretary; to the satisfaction of the Secretary.				
REPORTING						
Incident Reporting						
45.	7	The Applicant shall immediately notify the Secretary and any other relevant agencies of any incident. Within 7 days of the date of the incident, the Applicant shall provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.		No incidents have been recorded which required notification to the Secretary.	Compliant	
Regular Reporting						
46.	8	The Applicant shall provide regular reporting on the environmental performance of the development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.		Environmental performance monitoring data is available on the company website. EPL report provides surface and groundwater monitoring data and blast monitoring data. Noise reports and Product Transport Summary attached separately.	Compliant	
ANNUAL REVIEW						
47.	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: This review must: (a) describe the development (including any rehabilitation) that was carried out in the previous calendar year, and the development that is	Oberon Quarry Project Annual Review 2019 for the period 1 January 2019 to 31 December 2019. Oberon Quarry Project Annual Review 2020 for the period 1 January 2020 to 31 December 2020.	Submission dates 2019 – 31/03/2020 2020 - 31/03/2021 2021 – 31/03/2022 2022 due for submission prior to the end of March 2023.	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		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.	Oberon Quarry Project Annual Review 2021 for the period 1 January 2021 to 31 December 2021. Post Approval SSD-6333 receipt of Submission			
INDEPENDENT ENVIRONMENTAL AUDIT						
48.	10	Within a year of the date of this consent, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the development. This audit must: (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; (b) include consultation with the relevant agencies;	Oberon Quarries Independent environmental Audit, Barnett and May, 10 January 2020.	Development Consent date 14/09/2015. Request for auditor approval submitted 13/09/2019, Auditor approval provided 17/09/2019. Current audit commissioned December 2022. Recommendation:	Not Compliant	NC-07

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		(c) assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent and any relevant EPL or necessary water licences for the development (including any assessment, strategy, plan or program required under these approvals); (d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and (e) Recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy, plan or program required under the abovementioned approvals. Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.		Oberon Quarries should implement a process to ensure that the Independent Audit Report should be commissioned prior to 14 September on a 3 yearly basis.		
49.	11	Within 6 weeks of completion of this audit, or as otherwise agreed by the Secretary, the Applicant shall submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.		2019 audit completed 10 January 2020. Audit Report submitted 30/03/2020. Audit report was not submitted within 6 weeks of completion of this audit. Unable to verify that the response to recommendation was provided with the audit report. Recommendation: The Independent Audit Report should be submitted to DPE within 6 weeks of completion of the audit.	Not Compliant	NC-08

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
ACCESS TO INFORMATION						
50.	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 this consent; • a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this 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; and (b) keep this information up-to-date, to the satisfaction of the Secretary.	Oberon Quarries website (http://www.oberonquarries.com.au).	The following information was available on the company website: • Development Consent conditions; • EPL Licence; • Pollution Incident Response Management Plan; • Noise Management Plan; • Blast Management Plan; • Air Quality Management Plan; • Water Management Plan; • Traffic Management Plan; • Landscape and Rehabilitation Management Plan; • Environmental Management Strategy; • Noise Monitoring results – July 2015, Aug 2015, Mar 2016, Oct 2016. • Annual Review 2015-2021; • EPL and Management Plan Monitoring Reports 2012-2023. • Product Transport Summaries Sept 2015 – Dec 2022. • Independent Audit Report Oberon Quarry Jan 2017	Compliant	

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
				and response to recommendations • Independent Audit Report Oberon Quarry Jan 2019 and response to recommendations • Complaints Register Dust and water updated monthly		

Environmental Protection Licence No 4442

JHC No	Cond. No.	Condition			Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
1.	A.1.1	Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.			Oberon Quarry Project Annual Review 2020 for the period 1 January 2020 to 31 December 2020. Oberon Quarry Project Annual Review 2021 for the period 1 January 2021 to 31 December 2021.	Total tonnage for: 2020 – 304,767 Tonnes 2021 – 293,300 Tonnes 2022 - 290847.3 Tonnes	Compliant	
		Scheduled Activity	Fee Based Activity	Scale				
		Crushing, grinding or separating	Crushing, grinding or separating	> 100000 - 500000 T Annual processing capacity				
		extractive activity	Land-based extractive activity	> 100000 - 500000 T extracted, processed or stored				
2.	A3.1	Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence. In this condition the reference to "the licence application" includes a reference to: a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.				Four non-compliances with the EPL has been identified. Recommendation: It is recommended that all non-compliances identified are addressed and closed out. Consider implementing a process to track compliance requirements and status.	Not Compliant	NC-09
3.	L1.1	Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.			EPL and Management Plan Monitoring Reports 2012-2023	Water quality monitoring results demonstrate that the site has complied with licence requirements.	Compliant	
4.	L2.1	For each monitoring/discharge point or utilisation area specified in the table\ below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must			EPL and Management Plan Monitoring Reports 2012-2023	No discharge from EPL Point 7 has occurred.	Not Triggered	

JHC No	Cond. No.	Condition							Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		not exceed the concentration limits specified for that pollutant in the table.										
5.	L2.2	Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.							EPL and Management Plan Monitoring Reports 2012-2023	No discharge from EPL Point 7 has occurred.	Not Triggered	
6.	L2.3	To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\.								No discharge from EPL Point 7 has occurred.	Not Triggered	
7.	L2.4	Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM percentile concentration limit	100 percentile concentration limit			No discharge from EPL Point 7 has occurred.	Not Triggered	
		Oil and Grease	mg/L				10					
		pH	pH				6.5-8.5					
		Total suspended solids	mg/L				50					
8.	L3.1	The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.							Site interview/ inspection	No waste has been received at the site.	Compliant	
9.	L3.2	This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if it requires an environment protection licence.							Site interview/ inspection	No waste has been received at the site.	Not Triggered	
10.	L4.1	Noise from the premises must not exceed 35 dB(A) LAeq(15 minute) at any noise sensitive location at any time. Where LAeq means the equivalent continuous noise level – the level of noise equivalent to the energy-average of noise levels occurring over a measurement period.							Letter from the Secretary 2/02/2017 2017 approving discontinuation of quarterly monitoring, with noise monitoring to be conducted if a noise	Oberon Quarries has entered into a written agreement with landowners to exceed noise limits. No monitoring required.	Compliant	

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		Note: The above noise limits do not apply at properties where the licensee has a written agreement with the landowner to exceed the noise limits.	complaint is received and unable to be resolved.			
11.	L4.2	The noise limits in Condition L4.1 apply under all meteorological conditions except for the following: a) Wind speeds greater than 3m/s at 10 metres above ground level; or b) Stability category F temperature inversion conditions and wind speeds greater than 2m/s at 10 metres above the ground level; or c) Stability category G temperature inversion conditions.	Letter from the Secretary 2/02/2017 2017 approving discontinuation of quarterly monitoring, with noise monitoring to be conducted if a noise complaint is received and unable to be resolved.	Oberon Quarries has entered into a written agreement with landowners to exceed noise limits. No monitoring required.	Compliant	
12.	L4.3	For the purposes of condition L4.2: a) Data recorded by the nearest Bureau of Meteorology station must be used to determine meteorological conditions; and b) Temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the NSW Industrial Noise Policy.	Letter from the Secretary 2/02/2017 2017 approving discontinuation of quarterly monitoring, with noise monitoring to be conducted if a noise complaint is received and unable to be resolved.	Oberon Quarries has entered into a written agreement with landowners to exceed noise limits. No monitoring required.	Compliant	
13.	L4.4	To determine compliance with condition L4.1, noise from the premises is to be measured: a) approximately on the property boundary, where any dwelling is situated 30 metres or less from the property boundary closest to the premises; or b) within 30 metres of a dwelling façade, but not closer than 3 metres where any dwelling on the property is more than 30 metres from the boundary closest to the premises.	Letter from the Secretary 2/02/2017 2017 approving discontinuation of quarterly monitoring, with noise monitoring to be conducted if a noise complaint is received and unable to be resolved.	Oberon Quarries has entered into a written agreement with landowners to exceed noise limits. No monitoring required.	Compliant	
14.	L4.5	For the purposes of determining the noise generated at the premises the modification factors in Fact Sheet C of the Noise Policy for Industry (EPA, 2017) must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.	Letter from the Secretary 2/02/2017 2017 approving discontinuation of quarterly monitoring, with	Oberon Quarries has entered into a written agreement with landowners to exceed noise limits.	Compliant	

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
			noise monitoring to be conducted if a noise complaint is received and unable to be resolved.	No monitoring required.		
15.	L5.1	The airblast overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.	Agreement received from the resident at 167 Harveys Road on 17/04/2018 stating they have no objection to Oberon Quarries generating higher blast noise and vibration levels. Renewed agreement with resident at 167 Harveys Road 14/01/2022. Blast records 2022 (Electronic)	Agreement in place to allow for higher blast noise and vibration levels. Blast result for 19/06/2020 and 3/08/2020 exceeded the Peak Airblast Pressure, No exceedances 2021. No exceedances 2022	Compliant	
16.	L5.2	The airblast overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive locations. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.	2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results	Monitoring records show that the airblast overpressure level from blasting operations has not exceeded 120dB (Lin Peak).	Compliant	
17.	L5.3	Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec at any noise sensitive locations for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.	2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results	Monitoring records show that the Ground vibration peak particle velocity from blasting operations has not exceeded 5mm/sec.	Compliant	

AUDIT CHECKLIST – EPL 4442
Company: Oberon Quarries

James Hart Consulting
Date: 9 November 2022

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
18.	L5.4	Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10mm/sec at any time at any noise sensitive locations. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded. Note: 1. The airblast overpressure and ground vibration levels in conditions L5.1 to L5.4 do not apply at noise sensitive locations that are owned by the licensee or subject to a private agreement, relating to airblast overpressure and ground vibration levels, between the licensee and land owner. 2. "Noise sensitive locations" includes buildings used as a residence, hospital, school, child care centres, places of public worship and nursing homes. A noise sensitive location includes the land within 30 metres of the building.	2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results	Monitoring records show that the Ground vibration peak particle velocity from blasting operations has not exceeded 5mm/sec.	Compliant	
19.	L6.1	All work at the premises must be conducted between the following hours: Quarrying and processing 7.00am to 6.00pm Mondays to Fridays, 7.00am to 5.00pm Saturdays. Other activities (loading trucks/product delivery) 6.00am to 10.00pm Mondays to Fridays, 6.00am to 5.00pm Saturdays.	Site induction Drivers code of Conduct – 2020 Site interview	Operating hours were identified in the site induction and understood by persons on site.	Compliant	
20.	O1.1	Licensed activities must be carried out in a competent manner. This includes: a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.	Site Inspection	In general, licenced activities were observed to be carried out in a competent manner. During the site inspection, unbanded oil and chemical containers were sighted in the maintenance area and adjacent to the storage container located within the quarry. Recommendation:	Not Compliant	NC-05

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
				Oil and chemical containers should be stored in appropriately bunded facilities.		
21.	O2.1	All plant and equipment installed at the premises or used in connection with the licensed activity: a) must be maintained in a proper and efficient condition; and b) must be operated in a proper and efficient manner.	Feeder/ Conveyor internal maintenance logbook. Caterpillar 980H 28,500 hour service, repairs 11/11/2021 Caterpillar 980M 3500 hour service 11/06/2022. Caterpillar 972H 8250hour service 12/02/2022 Hitachi 400LCH 10500 hour service 12/11/2022	Plant and equipment maintenance outsourced to Highland Mechanical. Records of servicing and repairs available.	Compliant	
22.	O3.1	The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.	Site Inspection	The AQMP details the controls to be implemented. Controls implemented to minimise dust generation, including water cart, sprays on conveyors, sealing of hardstand areas	Compliant	
23.	O3.2	Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading.	Site inspection	All trucks sighted during the audit had their loads covered.	Compliant	
24.	O4.1	All chemicals and fuels and explosives must be handled and stored in a bunded area which complies with the specifications of the relevant Australian Standard and legislative requirements.	Site inspection	Bulk storage tanks sighted had been appropriately bunded. During the site inspection, unbunded oil and chemical containers were sighted in the maintenance area and adjacent to the storage container located within the quarry.	Not Compliant	NC-05

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
				Recommendation: Oil and chemical containers should be stored in appropriately bunded facilities.		
25.	O4.2	Contingency and emergency management plans must be developed and implemented for the spill of any chemical and fuel.	Pollution Incident Response Management Plan - Oberon Quarries Pty Ltd. FINAL February 2020	Included in Section 4.0 of the Pollution Incident Response Management Plan	Compliant	
26.	O5.1	The sediment basin identified as EPA identification no 7 (licence discharge point 7) under condition P1.3 must be drained or pumped out within 5 days following rainfall in order to maintain the design storage capacity of the basin.	Site Interview Environmental Memo – High Rainfall Event 04/07, 05/07/2022 Environmental Memo – High Rainfall Event 04/08/2022 Environmental Memo – 29th August 2022	It was reported that the sediment basin was not pumped out within 5 days following rainfall. However, no discharge has occurred from the licenced discharge point 7. Recommendation: Oberon Quarries should ensure that the sediment basin identified as EPA identification no 7 is pumped out or drained within 5 days following rainfall.	Not Compliant	NC-10
27.	O5.2	Water discharged to comply with condition O4.1 may only be discharged from sediment ponds to waters via licence discharge point 7 when the water quality complies with the discharge limits specified under condition L2.4 for licence discharge point 7	Site Interview	No Reported that no discharge from the sediment ponds has occurred. Records sighted showing inspections conducted of dams with no discharge following high rainfall events.	Not Triggered	
28.	O5.3	The licensee must undertake maintenance to desilt all sediment ponds to retain their design storage capacities.	Site Interview/ inspection	Dam 1 reported to have been desilted in 2022.	Compliant	

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
				Reported that Dam 3 desilted in early 2021. No discharge from the site has occurred		
29.	M1.1	The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.	2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results	Records of monitoring were readily available, with a summary provided on the company website	Compliant	
30.	M1.2	All records required to be kept by this licence must be: a) in a legible form, or in a form that can readily be reduced to a legible form; b) kept for at least 4 years after the monitoring or event to which they relate took place; and c) Produced in a legible form to any authorised officer of the EPA who asks to see them.	2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results	Records were available on site in hard and electronic format	Compliant	
31.	M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence: a) the date(s) on which the sample was taken; b) the time(s) at which the sample was collected; c) the point at which the sample was taken; and d) the name of the person who collected the sample.	2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results SAL Laboratory Reports	Sampling records included required information	Compliant	
32.	M2.1 M2.2	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns: Air Monitoring Requirements Points 1, 2, 3, 4.	2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results	Dust monitoring records were available and published on the company website. Records show monitoring had been conducted monthly, with the exception of July 2021. It was reported that samples were not collected in July 2021 due to regional lockdowns	Not Compliant	NC-11

JHC No	Cond. No.	Condition				Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		Pollutant	Units of Measure	Frequency	Sampling Method		associated with the COVID-19 pandemic. Samples from monitoring location D1 in February and August 2021 and monitoring location D4 in August 2021 were not analysed at a laboratory as sample jars froze and broke under freezing ambient conditions. Recommendation: Oberon Quarries should ensure that samples are collected on a monthly basis.		
		Particulates – Deposited Matter	Grams per square metre per month	Monthly	AM-19				
33.	M2.3	Water and/ or Land Monitoring Requirements				2020 EPL and Monitoring Plan Report 2021 EPL and Monitoring Plan Report 2022 Monitoring Results	No discharge has occurred	Not Triggered	
		Pollutant	Units of Measure	Frequency	Sampling Method				
		Oil and Grease	Milligrams per litre	Weekly during any Grab sample discharge	Grab sample				
		pH	pH	Weekly during any Grab sample discharge	Grab sample				
		Total suspended solids	Milligrams per litre	Weekly during any Grab sample discharge	Grab sample				
34.	M3.1	Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with: a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or				Sydney Analytical Laboratories Report https://sal.com.au/laboratory-methods/	Dust gauges monitored in accordance with AS3580.10.1	Compliant	

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.				
35.	M3.2	Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.	Sydney Analytical Laboratories Report https://sal.com.au/laboratory-methods/	pH - APHA 4500B Conductivity - APHA 2510B Laboratory methods specified by Sydney Analytical Laboratories are consistent with the Approved Methods Publication	Compliant	
36.	M4.1	The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.	Complaints register 2016 – present	Complaints register maintained. One complaint had been received for the development during the period covered by the current audit.	Compliant	
37.	M4.2	The record must include details of the following: a) the date and time of the complaint; b) the method by which the complaint was made; c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect; d) the nature of the complaint; e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and f) if no action was taken by the licensee, the reasons why no action was taken.	Complaints register 2016 – present	Complaints register form includes facility for required information.	Compliant	

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
38.	M4.3	The record of a complaint must be kept for at least 4 years after the complaint was made.	Complaints register 2016 – present	Complaints register available.	Compliant	
39.	M4.4	record must be produced to any authorised officer of the EPA who asks to see them.	Complaints register 2016 – present	Complaints register readily available.	Compliant	
40.	M5.1	The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.	Enquiries and Complaints Line: (02) 6336 0259	Telephone complaints line available.	Compliant	
41.	M5.2	The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.		Communicated on Website	Compliant	
42.	M5.3	The preceding two conditions do not apply until 3 months after: a) the date of the issue of this licence.	Complaints register 2016 – present	Complaints register 2016 – present available.	Compliant	
43.	R1.1	The licensee must complete and supply to the EPA an Annual Return in the approved form comprising: 1. a Statement of Compliance, 2. a Monitoring and Complaints Summary, 3. a Statement of Compliance - Licence Conditions, 4. a Statement of Compliance - Load based Fee, 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan, 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and 7. a Statement of Compliance - Environmental Management Systems and Practices. At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4442&id=4442&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued	Completed Annual Returns were posted on the POEO Register.	Compliant	
44.	R1.2	An Annual Return must be prepared in respect of each reporting period, except as provided below.	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4442&id=4442&opti	Completed Annual Returns were posted on the POEO Register.	Compliant	

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		<i>Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.</i>	on=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued			
45.	R1.3	Where this licence is transferred from the licensee to a new licensee: a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period. <i>Note: An application to transfer a licence must be made in the approved form for this purpose.</i>		Licence has not been transferred	Not Triggered	
46.	R1.4	Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on: a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.		Licence has not been surrendered	Not Triggered	
47.	R1.5	The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4442&id=4442&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued	Annual report for: • 2019 submitted 9/03/2020. • 2020 submitted 10/03/2021. • 2021 submitted 11/03/2022.	Compliant	

AUDIT CHECKLIST – EPL 4442
Company: Oberon Quarries

James Hart Consulting
Date: 9 November 2022

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
48.	R1.6	The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA	Site interview Electronic records in Oberon Quarries Company cloud	Copy available on site and on website.	Compliant	
49.	R1.7	Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by: a) the licence holder; or b) by a person approved in writing by the EPA to sign on behalf of the licence holder.	Annual Return 2021	The Annual Returns were signed by the licence holder (Owner/ Director).	Compliant	
50.	R1.8	A person who has been given written approval to certify a certificate of compliance under a licence issued under the Pollution Control Act 1970 is taken to be approved for the purpose of this condition until the date of first review of this licence.	Annual Return 2021	The Annual Returns were signed by the licence holder (Owner/ Director).	Compliant	
51.	R2.1	Notifications must be made by telephoning the Environment Line service on 131 555. <i>Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.</i>		No notifications have been required	Not Triggered	
52.	R2.2	The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.		No notifications have been required	Not Triggered	
53.	R3.1	Where an authorised officer of the EPA suspects on reasonable grounds that: a) where this licence applies to premises, an event has occurred at the premises; or b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the		No notifications have been required	Not Triggered	

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
		activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment(whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.				
54.	R3.2	The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.		No requested for a written report of an event have been received.	Not Triggered	
55.	R3.3	The request may require a report which includes any or all of the following information: a) the cause, time and duration of the event; b) the type, volume and concentration of every pollutant discharged as a result of the event; c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event; d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort; e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants; f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and g) any other relevant matters.		No requested for a written report of an event have been received.	Not Triggered	
56.	R3.4	The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.		No requested for a written report of an event have been received.	Not Triggered	
57.	G1.1	A copy of this licence must be kept at the premises to which the licence applies.	Site Inspection	Copy available on site.	Compliant	

JHC No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance rating	Issue No
				Displayed in office and available in project files.		
58.	G1.2	The licence must be produced to any authorised officer of the EPA who asks to see it.	Site Inspection	Licence was readily available on site.	Compliant	
59.	G1.3	The licence must be available for inspection by any employee or agent of the license working at the premises.	Site Inspection	Licence was readily available on site. Displayed on noticeboard.	Compliant	

7 Water Access Licence 34279

No water has been taken under Water Access Licence 34279.

8 Statement of Commitments

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
1.	1	Hours of Operation Oberon Quarries' approved hours of operation are as per Condition 16 of DA 921164, and are dependent on the activity being undertaken; approved hours are detailed in Table 7.1 .	Site induction Drivers code of Conduct – 2020 Site interview	Operating hours were identified in the site induction and understood by persons on site.	Compliant	
2.	2	Erosion and Sediment Control Oberon Quarries will continue to implement localised sediment and erosion controls, as required, in accordance with Managing Urban Stormwater - Soils and Construction (Land com, 2001) to reduce the impacts on the water quality in the quarry's dirty water management system.	Water Management Plan, Oberon Quarries Pty Ltd, Report No. 1296/R72/V4, August 2017. Site Inspection	Appropriate erosion and sediment controls continue to be implemented and maintained within the quarry.	Compliant	
3.	3	Noise Key noise management and mitigation measures to limit potential operational noise impacts currently being implemented at Oberon Quarries' operations and will be applied to future operations.	Noise Management Plan Oberon Quarries Pty Ltd, Report No 1296/R68/V4, May 2018.	Noise management and mitigation measures continue to be implemented on site.	Compliant	
4.	4	Blasting Oberon Quarries will continue to implement the existing blast management measures.	Blast Management Plan Oberon Quarries Pty Ltd, Report No 1296/R70/V3, August 2017.	Blast management measures continue to be implemented on site.	Compliant	

AUDIT CHECKLIST: Statement of Commitments
Company: Oberon Quarry

James Hart Consulting
Date: 1 February 2023

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
5.	5	Air Quality ○ 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 40 km/h; ○ progressive stabilisation/rehabilitation of exposed areas no longer needed for operational purposes • rehabilitating the final landform surface as soon as practicable; • minimisation of the total disturbed!(in areas at any oo1e time; • implementing temporary stabilisation measures (e.g. rover crops or mulch) on disturbed areas soon as practicable, if rehabilitation is not to be undertaken within the coming three months; • where practical and 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 to be 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 6.1 for locations).	Air Quality Management Plan Oberon Quarries Pty Ltd, prepared by Umwelt, dated May 2017.	The AQMP details the controls to be implemented. Implementation of controls was verified during the audit.	Compliant	

AUDIT CHECKLIST: Statement of Commitments
Company: Oberon Quarry

James Hart Consulting
Date: 1 February 2023

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
6.	6	Oberon Quarries will continue to implement the existing air quality monitoring program which comprises four dust deposition gauges and monitor the dust levels at these locations at monthly sample intervals.	Air Quality Management Plan Oberon Quarries Pty Ltd, prepared by Umwelt, dated May 2017.	Air quality management Program continues to be implemented in accordance with the condition of consent and EPL.	Compliant	
7.	7	Surface Water Surface water monitoring will continue in accordance with Condition 26 of DA 921164, and EPL Condition P1.3, surface water quality is monitored at two sites on Racecourse Creek (refer to Figure 6.1): The samples are analysed for pH, conductivity, turbidity, non-filterable residue (NFR), total nitrogen (TKN), total phosphorus (TP), and total petroleum hydrocarbons (TPH).	Water Management Plan Oberon Quarries Pty Ltd, prepared by Umwelt, dated August 2017.	The surface water quality monitoring program detailed in the Water Management Plan continues to be implemented.	Compliant	
8.	8	Groundwater Groundwater will continue to be monitored in accordance with Condition 26 of OA 92/164. Oberon Quarries undertakes groundwater monitoring to determine any potential impacts as a result of quarry operations. Groundwater is monitored for pH and conductivity at a spring-fed dam (GW1) at 'Langley Heights', downslope of the quarry on Racecourse Hill.	Water Management Plan Oberon Quarries Pty Ltd, prepared by Umwelt, dated August 2017	The groundwater quality monitoring program detailed in the Water Management Plan continues to be implemented.	Compliant	
9.	9	Traffic and Transport In accordance with existing consent requirements, Oberon Quarries pays and will continue to pay Oberon Council a tonnage based and indexed road maintenance contribution for wear and tear on roads (i.e. road pavement damage).	Spreadsheet – Oberon Quarries Payable Invoice 1/01/2020 to 31/12/2022.	Records sighted to show that monthly contributions had been paid to Oberon Council (1/01/2020 to 31/12/2022)	Compliant	

AUDIT CHECKLIST: Statement of Commitments
Company: Oberon Quarry

James Hart Consulting
Date: 1 February 2023

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
10.	10	Flora and Fauna To ensure the ecological impacts of the quarry are minimised, Oberon Quarries has committed to implementing the following management and mitigation measures: • installing survey pegs to mark the extent of extraction; • create a stable final landform within the quarry pit consisting of self-sustaining vegetation communities characteristic of the pre quarry environment; • progressively conduct rehabilitation and revegetation of the post quarry area over the life of the operations and as quarrying operations of the second bench allow (refer to Section 6.18); • minimising the extent of vegetation clearance to that associated with the next blast area; and • identifying the weed management controls for the Project Area, i.e. types of weeds known to be present, required control methods and frequencies, as well as monitoring frequencies.	Site survey plan prepared by Central West Survey, dated 25 October 2016. Surface Contours 1m Feb 2023	The site survey plan showed the limits of excavation. Survey pegs have been placed to show the limits of excavation. Survey conducted February 2023 shows no extraction outside of the limits of excavation.	Compliant	

AUDIT CHECKLIST: Statement of Commitments
Company: Oberon Quarry

James Hart Consulting
Date: 1 February 2023

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
11.	11	Aboriginal Archaeology To ensure the archaeological impacts of the quarry are minimised, Oberon Quarries has committed to implementing the following management and mitigation measures: ○ Oberon Quarries should ensure that all parties involved in the Project are aware that it is an offence under Section 86 of the NPW Act to harm or desecrate an Aboriginal object unless that harm or desecration is the subject of an AHIP; ○ Oberon Quarries will submit an ASIR form to correct the status of site AHIMS #44-6-0060, which appears as valid on the AHIMS database but was located within the approved extraction area; ○ in the event that an Aboriginal object (or objects) is uncovered during the proposed works, ground disturbance works will cease within 20 metres of the object(s) and OEH and the relevant Aboriginal parties will be contacted so that appropriate management strategies can be identified; management of the remains is to be determined through liaison with the appropriate stakeholders and in accordance with the Public Health Act 1991.	Toolbox talk 10/01/2023. Site Induction	Toolbox talk 10/01/2023 included Aboriginal Archaeology procedure and policy. Site induction includes Aboriginal Archaeology Development Consent requirements.	Compliant	

AUDIT CHECKLIST: Statement of Commitments
Company: Oberon Quarry

James Hart Consulting
Date: 1 February 2023

12.	• In the unlikely event that a potential burial site or potential human skeletal material is exposed within the Project Area, the following procedure should be followed in accordance with the Policy Directive - Exhumation of Human Remains (NSW Department of Health, 2008). Skeletal Remains - Guidelines for the Management of Human Skeletal Remains under the Heritage Act 1977 (NSW Heritage Office, 1998) and the Aboriginal Cultural Heritage Standards and Guidelines Kit (NPWS, 1997): • as soon as remains are exposed, work in the vicinity of the remains is to halt immediately to allow assessment and management; • the relevant manager of the project will be informed and will contact local police, OEH and the Heritage Branch; • if the remains are suspected to be human, a physical or forensic anthropologist should inspect the remains in situ. and make a determination of whether the remains are human and if so, the likely ancestry (Aboriginal or non-Aboriginal) and antiquity (pre-contact historic or forensic); • if the remains are identified as forensic the area is deemed as crime scene; if the remains are identified as Aboriginal, the site is to be secured and OEH and the relevant Aboriginal parties are to be notified in writing; or • if the remains are non-Aboriginal (historical) remains, the site is to be secured and the Heritage Branch is to be contacted. This process functions only to appropriately identify the remains and secure the site. From this time, the management of the remains is to be determined through liaison with the appropriate stakeholders and in accordance with the <i>Public Health Act 1991</i>.	Site interview	No heritage artefacts have been found on site.	Not Triggered	
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AUDIT CHECKLIST: Statement of Commitments
Company: Oberon Quarry

James Hart Consulting
Date: 1 February 2023

JHC Ref No	Cond. No.	Condition	Audit Evidence	Finding and Recommendations	Compliance Descriptor	Issue No
13.		Greenhouse Gas and Energy There are a number of mitigation and management measures proposed to be implemented for the ongoing operations. These are outlined in Table 7.2	Air Quality Management Plan, Oberon Quarries Pty Ltd, Report No 1296/R71/V5, May 2018.	Section 5.2 of the AQMP addresses greenhouse gas minimisation measures.	Compliant	
14.		Waste The current site waste management practices will continue to be implemented for the life of the Project.	Environmental Management Strategy, Oberon Quarries Pty Ltd, 1296/R74/V4 August 2017 Site Inspection	Waste management controls are identified in Section 4.3.1 of the EMS. Segregation of waste streams was verified during the site inspection.	Compliant	
15.		Bushfire The Council approved bushfire management plan will continue to be implemented	Plant Map (showing the location of fire extinguishers and evacuation points)	Appropriate firefighting equipment is located at the site.	Compliant	

Appendix D. Consultation Records

Independent Environmental Audit – Oberon Quarries

Commercial in Confidence

James Hart

From: Georgia Dragicevic <Georgia.Dragicevic@planning.nsw.gov.au>
Sent: Tuesday, 20 December 2022 1:19 PM
To: James Hart
Cc: Katrina O'Reilly
Subject: RE: Independent Environmental Audit - Oberon Quarry

Hi James,

Thank you for consulting the department on the upcoming IEA of Oberon Quarry. In addition to the consent requirements, please check compliance with any rehabilitation/bond requirements, complaints management and whether quarrying operations are within the approved project boundary and any other relevant limits.

Kind regards,
Georgia

From: James Hart <james_hart@bigpond.com>
Sent: Tuesday, 20 December 2022 1:02 PM
To: Georgia Dragicevic <Georgia.Dragicevic@planning.nsw.gov.au>
Subject: Independent Environmental Audit - Oberon Quarry

Hi Georgia,

I have been engaged to undertake an Independent Environmental Audit of the Oberon Quarry. As a requirement of the Independent Environmental Audit process, I am seeking feedback from various agencies, including the DPE, in regard to any issues that may have arisen or concerns which you may have in relation to the quarry operations. Any issues raised will be included in the audit.

I would appreciate it if you would respond to this email identifying any issues or concerns you have, or if you have none, please respond and let me know.

If you have any questions or prefer to talk to someone about issues regarding the development, you can contact me on 0408238682.

Please note that the audit will be conducted in February 2023.

Regards

James Hart | Management Consultant

James Hart Consulting

*Certified Exemplar Global Lead OHS Auditor
Certified Exemplar Global Lead Environmental Auditor
Certified Exemplar Global Lead Quality Management System Auditor*

Mobile: 0408 238 682
Email: james_hart@bigpond.com

Independent Environmental Audit – Oberon Quarries

Commercial in Confidence

James Hart

From: Sheridan Ledger <Sheridan.Ledger@epa.nsw.gov.au>
Sent: Wednesday, 21 December 2022 8:18 AM
To: james_hart@bigpond.com
Subject: RE: Independent Environmental Audit - Oberon Quarry [ref:_00D7F6iTix_5007F1LH07n:ref]

Hello James,

Thank you for reaching out to the EPA.

We would appreciate an audit of the sites hydrocarbon storage (bunding) and management and also the water management system following the recent wet weather.

Kind regards

Sheridan

From: Environment Line <info@environment.nsw.gov.au>
Sent: Tuesday, 20 December 2022 2:19 PM
To: EPA Delivery Hub Mailbox <EPA.DeliveryHub@epa.nsw.gov.au>
Subject: Independent Environmental Audit - Oberon Quarry [ref:_00D7F6iTix_5007F1LH07n:ref]

----- Forwarded Message -----

From: James Hart [james_hart@bigpond.com]
Sent: 20/12/2022 13:35
To: info@epa.nsw.gov.au
Subject: FW: Independent Environmental Audit - Oberon Quarry

Hi Anya,

I have been engaged to undertake an Independent Environmental Audit of the Oberon Quarry. As a requirement of the Independent Environmental Audit process, I am seeking feedback from various agencies, including the EPA, in regard to any issues that may have arisen or concerns which you may have in relation to the quarry operations. Any issues raised will be included in the audit.

I would appreciate it if you would respond to this email identifying any issues or concerns you have, or if you have none, please respond and let me know.

If you have any questions or prefer to talk to someone about issues regarding the development, you can contact me on 0408238682.

Please note that the audit will be conducted in February 2023.

Regards

James Hart | Management Consultant

Independent Environmental Audit – Oberon Quarries

Commercial in Confidence

James Hart

From: Bennett Kennedy <Bennett.Kennedy@oberon.nsw.gov.au>
Sent: Wednesday, 25 January 2023 10:29 AM
To: James Hart
Cc: Tamara Coughlan
Subject: RE: Independent Environmental Audit - Oberon Quarry

Hi James,

Thanks for taking my call this morning and apologies for the delayed response.

I can confirm that, as far as Oberon Council is aware, Oberon Quarry has been operating environmentally satisfactorily over recent times (last 2-3 years). As mentioned I have provided a response to the DPE request for comment regard the issue of SEAR's for a proposed extension of the existing quarry to the south.

This response however also includes a request for the Contributions payments made to Oberon Council for the tonnage of extracted material be reconciled. It is my understanding that Oberon Council raises invoices for the material extracted and transported offsite in accordance with the quarries condition of development consent and the monthly tonnage advised by email. That is, the actual tonnages of material extracted and transported off-site should be consistent with the figures provided to Council. It is apparent that this is something of an honesty system and relies on the goodwill of the mine operator which in the present day should be the subject of a more evidence-based approach.

I have CC'd this response to Council's financial staff responsible for the reconciliation of Contributions should you require further information in this regard.

Sincerely

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Oberon Council

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From: James Hart <james_hart@bigpond.com>
Sent: Tuesday, 20 December 2022 12:59 PM
To: Council <council@oberon.nsw.gov.au>
Subject: Independent Environmental Audit - Oberon Quarry

You don't often get email from james_hart@bigpond.com. [Learn why this is important](#)

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To whom it may concern,

I have been engaged to undertake an Independent Environmental Audit of the Oberon Quarry. As a requirement of the Independent Environmental Audit process, I am seeking feedback from various agencies, including Council, in regard to any issues that may have arisen or concerns which you may have in relation to the quarry operations. Any issues raised will be included in the audit.

Appendix A. Site Photographs



Quarry - Site Entry



Quarry internal storage and Water Cart.



Quarry Stockpile Area



Grassed area surrounding Quarry workings



2ML Storage Dam



Covered and bunded Bulk Fuel Tank. Spill kit provided nearby.



Unbunded Oil Drums

Issue No.	Condition	Requirement	Issue sighted	Recommendation	OQ - COMMENTS
NC-01	Schedule 2 Condition 2	The Proponent, in acting on this approval, must carry out the project in accordance with: (a) the conditions of this approval; and (b) all written directions of the Secretary	Non-compliances has been recorded against Conditions of Approval Schedule 3 (Conditions 4,26,30) and Schedule 5 (Condition 1,10,11).	It is recommended that all non-compliances identified are addressed and closed out. Consider implementing a process to track compliance requirements and status.	Oberon Quarries commits to closing out on all non-compliances in so far as the operation is able. Oberon Quarries to implement an administrative process to track compliance requirements and status.
NC-02	Schedule 2 Condition 17	The Applicant shall: (a) provide annual quarry production data to DRE using the standard form for that purpose; and (b) include a copy of this data in the Annual Review (see condition 9 of Schedule 5).	Records were not available to verify that annual quarry production data had been provided to DRE (now MEG) using the standard form for that purpose.	Oberon Quarries should ensure that the DRE standard form for annual production data is completed and submitted to DRE.	Oberon Quarries submitted the DRE Standard form for the period ending 30th June 2022 on Friday 3rd March 2023. In respect to the other reporting periods Oberon Quarries did not receive the email alert from Regional NSW with the standard form as had been historic practice in order to lodge. Oberon Quarries contacted Regional NSW regarding the same via phone but received no response. Oberon Quarries is able to file these forms in retrospect should Regional NSW be able to supply the correct forms to do so. In case of any future admin failure from either Regional NSW or Oberon Quarries in respect to the lodgement of the DRE form and production data, Oberon Quarries will create an internal reminder to accounts after end of financial year to administer the same regardless of receipt of any email reminders or alerts. Accounts will also be alerted where the standard form to be completed is posted annually online. https://meg.resourcesregulator.nsw.gov.au/mining-and-exploration/compliance-and-reporting/paying-royalties

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NC-03	Schedule 3 Condition 4	The Applicant shall: (a) implement best practice management to minimise the operational and road transportation noise of the development; (b) minimise the noise impacts of the development during meteorological conditions when the noise criteria in this consent do not apply (see Appendix 4); (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 (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.	Noise complaint received September 2020 relating to excess truck noise and truck movements prior to 6.00am. Surveillance by DPE on 15/10/2020 indicated excessive noise from engine brakes , particularly when entering the quarry site. Investigated by Oberon Quarries and response to DPE provided 24/11/2020. Noise source found to be a Council owned cattle grid, which was repaired by Oberon Quarries. No further complaints received.	Oberon Quarries should consider providing additional training to truck drivers on restrictions in relation to truck movements. Consider implementing a surveillance program to routinely check compliance with truck movement restrictions	Oberon Quarries induction process reviewed and found to be adequate as no noise complaint received since 15/10/2020. Oberon Quarries in the interest of community benefit repaired council owned/operated cattle grid adjacent to dedicated quarry roads (not used by quarry operations) to address incorrectly directed noise complaint. Note to date no noise complaint have not reoccurred following repair.
NC-04	Schedule 3 Condition 26	Within 3 months of each Independent Environmental Audit (see condition 10 of Schedule 5), the Applicant shall review, and if necessary revise, the sum of the Rehabilitation Bond to the satisfaction of the Secretary. This review must consider the: (a) effects of inflation; (b) likely cost of rehabilitating the site (taking into account the likely surface disturbance over the next 3 years of the development); and (c) performance of the implementation of rehabilitation of the site to date.	Sighted record of review of Rehabilitation Bond (26/01/2020), which had been reviewed by the CFO following the previous Independent Environmental Audit with no change required. However, the bond review was not submitted to the Secretary for review and acceptance.	Oberon Quarries should implement a process to ensure the review of the Rehabilitation Bond is provided to the Secretary for review and acceptance.	Oberon Quarries CFO completed review of bond within 3 months and determined Schedule 3 conditions 26 a,b,c unaffected thus did not warrant change to the bond. CFO determined operational foot print had not increased and resources available to complete full site rehab were unchanged. Oberon Quarries notes Bond value was determined on final site completion. Thus bond was adequate and did not warrant change and thus submission to Secretary as conditions 3 a,b,c unaffected.
NC-05	Schedule 3 Condition 30 EPL O1.1	The Applicant shall ensure that all tanks and similar facilities for storage of liquids (other than for water) are protected by appropriate bunding, which must exceed 110% of the stored volume of the liquid.	During the site inspection, unbunded oil and chemical containers were sighted in the maintenance area and adjacent to the storage container located within the	Oil and chemical containers should be stored in appropriately bunded facilities.	Agreed. On date of inspection oil drums were delivered on pallets and thus should have been relocated to bunded pallets for storage. Oberon Quarries has actioned purchase of additional 110% capacity bunded pallets for storage of new

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	and O4.1		quarry		and used drums in addition to those on site already.
NC-06	Schedule 5 Condition 1	The Applicant shall prepare and implement an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must: (a) be submitted to the Secretary for approval within 6 months of the date of this consent; (b) provide the strategic framework for environmental management of the development; (c) identify the statutory approvals that apply to the development; (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (e) describe the procedures that would be implemented to: • keep the local community and relevant agencies informed about the operation and environmental performance of the development; • receive, record, handle and respond to complaints; • resolve any disputes that may arise during the course of the development; • respond to any non-compliance; • respond to emergencies; and (f) include: • copies of any strategies, plans and programs approved under the conditions of this consent; and A clear plan depicting all the monitoring to be carried out under the conditions of this consent	While records of inspections were available, records did not show that inspections had been conducted at least monthly. It was noted that additional inspections had been conducted following rainfall events.	Environmental inspections should be conducted in accordance the requirements of the Environmental Management Strategy.	Oberon Quarries would implement a process for Inspections to be administered monthly despite any other production demands. The WHS/Environmental Officer would be responsible for this and in lieu a worker's rep would be nominated.
NC-07	Schedule 5	Within a year of the date of this consent, and every 3 years thereafter, unless the Secretary directs otherwise,	Current audit was not commissioned within 3	Oberon Quarries should implement a process to	Oberon Quarries would ensure commitment to existing administrative

Issue No.	Condition	Requirement	Issue sighted	Recommendation	OQ - COMMENTS
	Condition 10	the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the development. This audit must: (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; (b) include consultation with the relevant agencies; (c) assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent and any relevant EPL or necessary water licences for the development (including any assessment, strategy, plan or program required under these approvals); (d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and (e) Recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy, plan or program required under the abovementioned approvals. Note: This audit team requirements in this consent and any relevant EPL or necessary water licences for the development (including any assessment, strategy, plan or program required under these approvals); (d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and (e) Recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy, plan or program required under the abovementioned approvals. Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.	years of the date of the consent.	ensure that the Independent Audit Report should be commissioned prior to 14 September on a 3 yearly basis.	alerts to commission the IEA Report prior to 14th September on a 3 yearly basis. Oberon Quarries note management was impacted by floods of 2022 which delayed process.
NC-08	Schedule 5	Within 6 weeks of completion of this audit, or as otherwise agreed by the Secretary, the Applicant shall	The 2019 audit was not submitted to DPE within 6	Oberon Quarries should implement a process to	Oberon Quarries should implement a process to ensure that the Independent

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	Condition 11	submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	weeks of completion of the audit.	ensure that the Independent Audit Report is submitted to DPE within 6 weeks of completion of the audit.	Audit Report is submitted to DPE within 6 weeks of completion of the audit. All administrative staff would be trained in the same.
NC-09	EPL 3.1	Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence. In this condition the reference to "the licence application" includes a reference to: - the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.	Four non-compliances with the EPL has been identified.	It is recommended that all non-compliances identified are addressed and closed out. Consider implementing a process to track compliance requirements and status.	Agreed.
NC-10	EPL O5.1	The sediment basin identified as EPA identification no 7 (licence discharge point 7) under condition P1.3 must be drained or pumped out within 5 days following rainfall in order to maintain the design storage capacity of the basin.	It was reported that the sediment basin was not pumped out within 5 days following rainfall. However, no discharge has occurred from the licenced discharge point 7.	Oberon Quarries should ensure that the sediment basin identified as EPA identification no 7 is pumped out or drained within 5 days following rainfall.	Agreed. Oberon Quarries basin pumped out on the following day (day 6). No discharge has been recorded.
NC-11	EPL M2.1, M2.2	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:	Samples were not collected in July 2021 due to regional lockdowns associated with the COVID-19 pandemic.	Oberon Quarries should ensure that samples are collected on a monthly basis.	Oberon Quarries was impacted by regional lockdown enforced by Covid rules and guidelines. No procedure update required as unpredicted event occurred.

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		Air Monitoring Requirements Points 1, 2, 3, 4					
		Pollutant	Units of Measure	Frequency			
		Particulates – Deposited Matter	Grams per square metre per month	Monthly			