

# WALLERAWANG QUARRY

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## INDEPENDENT ENVIRONMENTAL AUDIT

*for Walker Quarries Pty Ltd*

*19 July 2021*



## DOCUMENT CONTROL

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### Document Status

Version	Description	Reviewed by	Approved by	Date issued
1	20/21 Annual Compliance Report	JB	DW	19/07/21

### Document Details

<b>Project Name</b>	Wallerawang Quarry
<b>Document Title</b>	Independent Environmental Audit
<b>Client</b>	Walker Quarries Pty Ltd
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<b>Our Reference</b>	210719 Wallerawang Quarry IEA Report

## **LIMITATIONS OF REPORT**

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In preparing this Independent Environmental Audit on behalf of Walker Quarries Pty Ltd, James Bailey and Associates has assessed all activities appropriate and necessary to evaluate the environmental status of the site during the audit period. James Bailey and Associates has addressed all technical matters which might reasonably be considered to be relevant to such an audit conducted to standards which apply in New South Wales. Based on discussions with appropriate staff and a review of available documentation, it is James Bailey and Associates' opinion that the potential critical environmental issues associated with the site and operations are those discussed in this report. However, James Bailey and Associates can only advise on the basis of the information available to them and therefore cannot dismiss absolutely the possibility that parts of the site, or adjacent properties, may give rise to additional issues.

The conclusions presented in this report are professional opinions based solely upon James Bailey and Associates' interpretation of the documentation reviewed, interviews and conversations with personnel knowledgeable about the site and other available information, as referenced in this report. These conclusions are intended exclusively for the purposes stated herein, at the site listed, and for the project indicated.

This report does not, and does not purport to, give legal advice on the actual or potential environmental liabilities of any individual or organisation, or to draw conclusions as to whether any particular circumstances constitute a breach of relevant legislation.

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# 1. INTRODUCTION

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## 1.1 BACKGROUND

James Bailey & Associates (JBA) has been commissioned by Walker Quarries Pty Ltd to conduct an Independent Environmental Performance Audit (IEA) for the Wallerawang Quarry (WQ). WQ operates under Development Approval (DA) 344-11-2001 (as modified) which was approved by the Department of Planning, Industry and Environment (DPIE) in 2004 and has subsequently been modified on three occasions.

Schedule 5, Condition 13 of DA 344-11-2001 specifies the requirement for the completion of an IEA for WQ every three years. **Appendix B** includes a list of all conditions of WQ approvals that have been assessed as part of this IEA, including DA 344-11-2001 and key mining authorities.

The period assessed for this IEA is from 13 April 2018 to 27 April 2021 (the audit period). This IEA was completed by JBA Exemplar Global International Certified Auditor, Dorian Walsh (No: 201881) and Tamie Gray (Assistant Auditor, JBA).

The audit consisted of a desktop review of documentation, interviews with WQ staff and contractors and a field inspection of the site in April 2021. The audit was conducted generally consistent with 'ISO 14010 - Guidelines and General Principles for Environmental Auditing', and 'ISO 14011 - Procedures for Environmental Auditing' and the 'Independent Audit Post Approval Requirements, May 2020' (Audit Guidelines) (DPIE, 2020).

Key documents reviewed during the IEA included:

- DA 344-11-2001 and Statement of Commitments (SOCs) (as modified);
- Lithgow City Council DA 019/18;
- WQ Mining Lease (ML) 1633 and Exploration Licence (EL) 4473; and
- WQ water licences and approvals; and
- WQ environmental management plans and procedures.

The IEA consisted of a detailed desktop review of approval documentation and contributions from key WQ staff and contractors. WQ representative Paul Hensley (PH) and Alex Irwin (AI), of Umwelt Environmental and Social Consultants, were the primary contacts during the IEA process. Trevor Hoffman (TH) of WQ was present during the audit site inspection on 27 April 2021.

## 1.2 REPORT STRUCTURE

**Section 1** provides an introduction, describes the requirement for the IEA and provides a summary of the structure of this report;

**Section 2** provides a description of WQ as relevant to this IEA;

**Section 3** outlines the requirements for this IEA and where each has been addressed in this report;

**Section 4** describes operational environmental performance during the audit period based on a review of documentation and key observations made during the audit site visit;

**Section 5** of this report lists the non-compliances identified during the IEA; and

**Section 6** provides a list of recommendations made from the audit.

## 2. SITE DESCRIPTION

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WQ is located approximately 2.5km southeast of Wallerawang and 8 km northwest of Lithgow, on the southern side of the Great Western Highway. It is within the Lithgow Council Local Government Area (LGA) and is owned by Walker Quarries Pty Ltd, a subsidiary of Sitegoal Pty Ltd.

A resource of quartzite in excess of 18.5 Million Tonnes (Mt) was identified at Wallerawang Quarry. Wallerawang Quarry produces quartz from the hard rock quarry with a life expectancy exceeding 20 years. Extraction commenced in 2014 with annual production between 150,000 - 500,000 tonnes per annum (tpa), dependent on market demand.

DA 344-11-2001 has been modified on three occasions since it was initially determined, including:

- For consolidation of several constructed components of the Quarry and formalise the approval of production for additional quarry products(MOD 1). MOD1 was approved by DPIE on 25 August 2017;
- For an extension of WQ site operations (MOD2). MOD2 was approved by DPIE on 7 December 2018; and
- For further development of WQ extraction areas, increase in the area available for stockpiling to the south-west and south of the approved Western Stockpile Area and extension of the operational life of WQ to 15 July 2040 (MOD3). MOD3 was approved on 26 February 2020.

**Figure 1** shows the layout of the WQ site as approved under Appendix 1 of DA 344-11-2001 (MOD3).



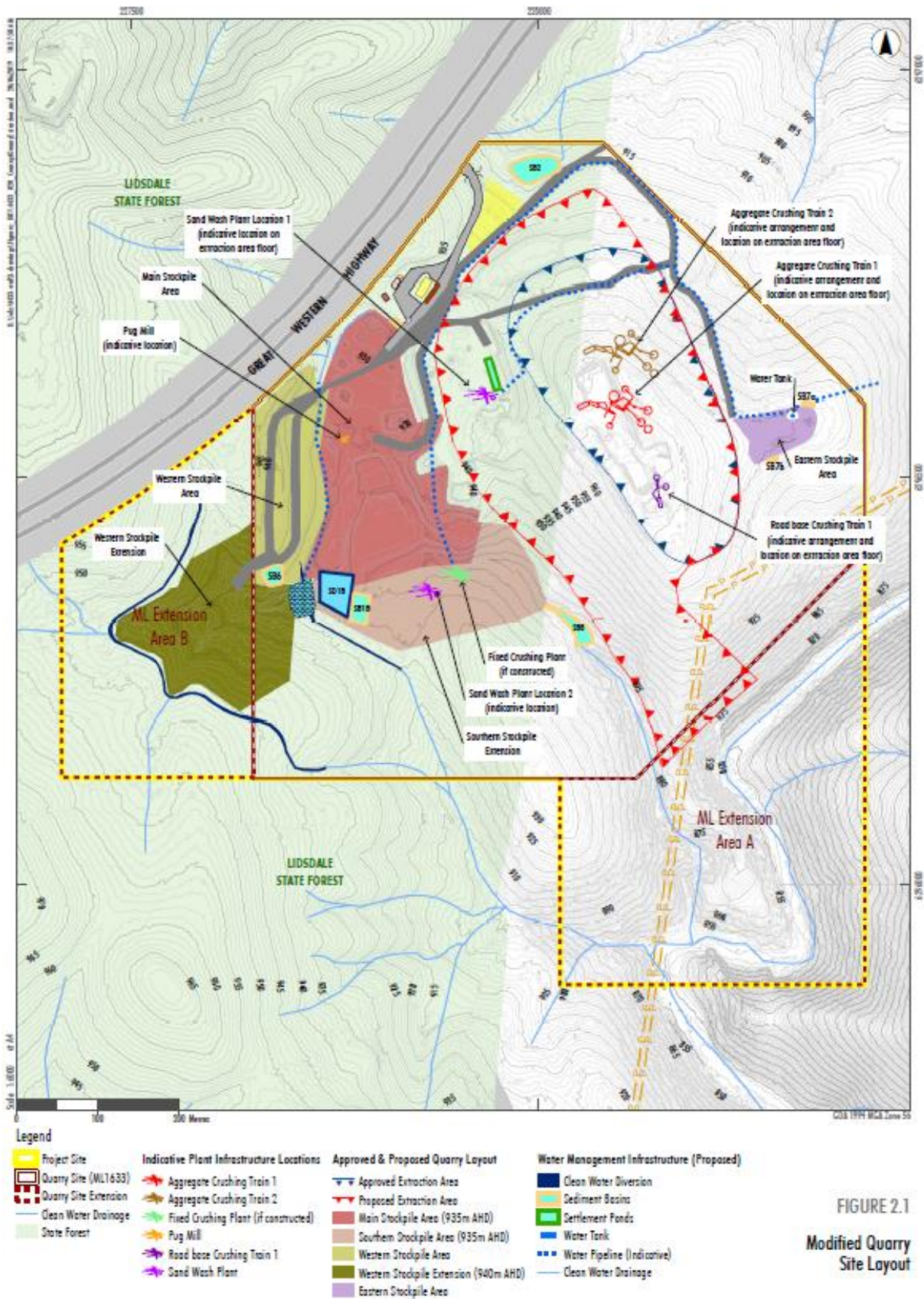


Figure 1 Approved Site Layout Plan

### 3. AUDIT REQUIREMENTS

*This section describes the WQ development approval requirement for an IEA and outlines the IEA guidelines that were used to inform the content and structure of this report. It also describes stakeholder consultation that was undertaken to highlight areas of focus for this IEA.*

#### 3.1 DEVELOPMENT APPROVAL

This IEA has been prepared pursuant to Schedule 5 Condition 13 of DA 344-11-2001. Each requirement under this condition is listed in **Table 1**, along with where each is addressed in this audit report.

**Table 1 DA 344-11-2001 IEA Requirements and Where Addressed**

Description	Where Addressed
Prior to the end of June 2021, and every three years after, unless the Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the development. This audit must:	<b>This Report</b>
(a) be led by a suitably qualified, experienced and independent auditor whose appointment has been endorsed by the Secretary	<b>Appendix A &amp; Appendix D</b>
(b) be conducted by a suitably qualified, experienced and independent team of experts (including any expert in field/s specified by the Secretary) whose appointment has been endorsed by the Secretary;	<b>Appendix A &amp; Appendix D</b>
(c) be carried out in consultation with the relevant agencies and CCC;	<b>Appendix D</b>
(d) assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent, water licences and mining leases for the development (including any assessment, strategy, plan or program required under these approvals);	<b>Section 4</b>
(e) review the adequacy of any approved strategy, plan or program required under the abovementioned approvals and this consent;	<b>Section 5</b>
(f) recommend appropriate measures or actions to improve the environmental performance of the development and any assessment, strategy, plan or program required under the abovementioned approvals and this consent; and	<b>Section 6</b>
(g) be conducted and reported to the satisfaction of the Secretary.	DPIE to determine

#### 3.2 AUDIT GUIDELINES

This audit report has been prepared in accordance with the Audit Guidelines (DPIE, 2020). **Table 2** lists key requirements from the Audit Guidelines and indicates where each is addressed in this report.

**Table 2 Audit Guideline Report Requirements and Where Addressed**

Audit Guidelines Section	Description	Where Addressed
3.1.	Independent Audits must only be undertaken by a suitably qualified, experienced and independent auditor. Conditions of consent may require Independent Audits to be undertaken by an auditor and one or more technical specialists.	<b>Appendix A &amp; Appendix D</b>



Audit Guidelines Section	Description	Where Addressed
3.2	<p>The auditor must consult with the Department, and other agencies and stakeholders, including the Community Consultative Committee (if one is required for the project), to obtain their input into the scope of the audit.</p> <p>Comments received during such consultation must be recorded and reported in the Independent Audit Report. Specific environmental issues raised during consultation must be investigated and findings of the investigation must be reported in the Independent Audit Report.</p>	<b>Section 3.2 &amp; Appendix D</b>
3.3	<p>An independent audit must include: an assessment of compliance with:</p> <ul style="list-style-type: none"> <li>a) conditions of consent applicable to the phase of the development that is being audited;</li> <li>b) all post approval documents prepared to satisfy the conditions of consent, including an assessment of the implementation of Environmental Management Plans and Sub-plans;</li> <li>c) all environmental licences and approvals applicable to the development excluding environmental protection licences issued under the <i>Protection of the Environment Operations Act 1997</i>;</li> </ul>	<b>Section 1, Section 5 &amp; Appendix B</b>
3.3	<p>a review of the environmental performance of the development, including but not necessarily limited to, an assessment of:</p> <ul style="list-style-type: none"> <li>a) actual impacts compared to predicted impacts documented in the environmental impact assessment;</li> <li>b) the physical extent of the development in comparison with the approved boundary;</li> <li>c) incidents, non-compliances and complaints that occurred or were made during the audit period;</li> <li>d) the performance of the development having regard to agency policy and any particular environmental issues identified through consultation carried out when developing the scope of the audit;</li> <li>e) feedback received from the Department, and other agencies and stakeholders, including the community or Community Consultative Committee, on the environmental performance of the project during the audit period;</li> </ul>	<b>Section 4, Section 5 &amp; Appendix D</b>
3.3	the status of implementation of previous Independent Audit findings, recommendations and actions (if any);	<b>Appendix B</b>
3.3	a high-level assessment of whether Environmental Management Plans and Sub-plans are adequate; and	<b>Section 4 &amp; Appendix B</b>
3.3	a high-level assessment of whether Environmental Management Plans and Sub-plans are adequate; and	<b>Section 4, Section 5, Section 6 &amp; Appendix B</b>
3.3	any other matters considered relevant by the auditor or the Department, taking into account relevant regulatory requirements and legislation, knowledge of the development's past performance and comparison to industry best practices.	<b>Section 5, Section 6 &amp; Appendix B</b>
3.4	Audits must commence with an opening meeting and conclude with a closing meeting. The meetings must be attended by a representative of the proponent at manager level or above, the auditor and technical specialists (if any).	<b>Section 1 &amp; Appendix B</b>
3.5	Independent Audits must include interviews with key personnel involved in project delivery, including those with responsibility for environmental management, to assist with verifying the compliance status of the development.	<b>Section 1 &amp; Appendix B</b>

Audit Guidelines Section	Description	Where Addressed
	However, note that interviews are generally not sufficient evidence to verify compliance with a condition of consent and additional supporting evidence should be provided.	
3.6	Independent Audits must include a physical site inspection. The site inspection must cover all development areas and environmental aspects that form part of the scope of the audit.	<b>Section 1, Section 4 &amp; Appendix C</b>

### 3.2.1 Stakeholder Engagement

During the preparation for this IEA, input was sought from the following WQ stakeholders to confirm any areas of site operations or environmental compliance that should be of particular focus:

- DPIE;
- DPIE Water;
- NSW Environment Protection Authority (EPA);
- Lithgow City Council (LCC); and
- WQ Community Consultative Committee (CCC) Chair.

Where specific issues were raised during consultation these are listed in **Table 3**, along with the section where each is addressed in this IEA report. Stakeholder correspondence received is included as **Appendix D**.

**Table 3 Stakeholder Requirements and Where Addressed**

Ref	Key Requirement	Where Addressed
<b>Department of Planning, Industry and Environment</b>		
1.	Assess the performance of compliance against the implementation of the mitigation measures documented in approved Noise Management Plan	<b>Appendix B:</b> Table A, Schedule 3, Condition 5
2.	Assess the performance of compliance against the implementation of the mitigation measures documented in approved Air Quality Management Plan	<b>Appendix B:</b> Table A, Schedule 3, Condition 14

## 4. ENVIRONMENTAL PERFORMANCE

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*This section discusses the key compliance and environmental performance issues identified during the audit site inspection. Photographs from the site inspection which are referred to in the following sections of this report are included in **Appendix C**.*

### 4.1 APPROVALS AND COMPLIANCE

The review of WQ compliance with the conditions of DA 344-11-2001, ML 1633 and EL 4473 was a key focus of this IEA. The review of WQ documentation and the April 2021 site inspection found that WQ are generally operating in compliance with their regulatory approvals and associated environmental management documents (see **Section 5** and **Appendix C**).

The management strategies, plans and other documents required for WQ to manage the environmental impacts from site operations were found to be being implemented to minimise the key risks on site. As such, the non-compliances and recommendations identified in this report (see **Section 5** and **Section 6**) are generally administrative in nature, and relate to the need for further documentation of the operational and reporting actions undertaken by WQ. This includes the requirement to document the implementation of noise and air quality control measures, in accordance with the measures identified in the respective management plans required under DA 344-11-2001.

### 4.2 QUARRY OPERATIONS

The inspection of the WQ site on 27 April 2021 found that the operational areas of the site were well maintained, and generally in accordance with the site layout approved under DA 344-11-2001 (see **Figure 1**).

Site plant and equipment observed during the inspection were found to be generally operating in a manner that minimised potential impacts to the environment. Environmental controls to minimise dust emissions from extraction, stockpiling and processing areas on site were found to be being implemented, with a watercart in operation and dust controls also being applied to trucks leaving site via the wheel wash. While still operating in areas at a relatively high elevation compared to community receptor locations, no significant WQ noise sources or visible dust emissions were noted during a review of the site from surrounding areas. The low number of amenity complaints from the community received during the audit period (including those related to visual impacts) would also indicate that operational impacts are generally undertaken in accordance with WQ approvals and associated management plans.

Water management infrastructure, including sediment dams, drains and the settling cells below the Wash Plant circuit were also observed to be well maintained, with pumping infrastructure in place to managed stored water levels.

Rehabilitation completed by WQ to the time of audit was found to be generally progressing towards the nominated 'completion' targets, with woodland communities beginning to develop in more established sections of the WSEA (see **Figure 1**). Maintenance plantings and weed controls are recommended to ensure that the performance of WQ rehabilitation areas continues to be supported.

A review of site laydown areas found that general waste management and housekeeping measures are being implemented, however it is recommended the WQ review the controls and procedures in place for the storage and use of hydrocarbons and oils retained on site (outside of the main diesel storage tank). While spill response kits were located in key storage locations on site, it is noted that smaller volume hydrocarbon containers should be stored in a bunded area with appropriately sized sump when not being actively used in maintenance tasks.

### **4.3 ENVIRONMENTAL INCIDENTS AND COMPLAINTS**

The review of site documentation and discussions with WQ staff found that environmental non-conformances during the audit period (primarily administrative in nature) had generally been identified and reported to the relevant agencies during the audit period. Interviews with WQ personnel confirmed that no material environmental incidents had occurred during the audit period.

Additionally, the small number of complaints received during the audit period (a maximum of one in each of the 2019 and 2020 calendar years, with none in 2018) indicates that WQ are generally managing site activities to ensure that impacts to local community receivers are minimised.

## 5. NON-COMPLIANCES AGAINST APPROVALS AND LICENCES

*This section provides a discussion on the identified non-compliances against DA 344-11-2001 and other licences reviewed at the time of the IEA.*

A summary of non-compliances identified during this IEA are provided in **Table 4**. Recommendations arising from these non-compliances are included in **Section 6**.

Table A and Table B of **Appendix B** provides a complete tabulated list of conditions of DA 344-11-2001 and other licences, respectively, with the compliance status and more detailed comments noted against each.

There were no recorded non-compliances against WQ mining authorities or Water Access Licences reviewed during this IEA (see Table B of **Appendix B**).

**Table 4** Identified Non-Compliances

Ref	Non-Compliance
<b>DA 344-11-2001</b>	
Schedule 2, Condition 2(a)	Some non-conformances against the conditions of DA 344-11-2001 were noted during the audit period. These non-conformances are summarised below in this table, with further detail provided in <b>Appendix B</b> .
Schedule 3, Condition 3B	WQ were not able to verify that DPIE have been advised that a noise agreement is in place with the owner of property 'N2'.
Schedule 3, Condition 4 (c)	The Noise Management Plan (NMP) allows for bi-annual noise monitoring. A period greater than six months had elapsed between the noise monitoring events in August 2018 and April 2019. This was reported as a non-compliance in the 2018-19 AR.
Schedule 3, Conditions 11, 13	Four depositional dust samples were not collected within 30+/-2 days required under the relevant administrative standard. November and December 2019 and February and March 2020 samples were collected after 33, 35, 27 and 33 days, respectively.
Schedule 3, Condition 23C(a)	DPIE endorsement of OzArk as a suitable party to prepare the AHCMP could not be verified at the time of audit, however it is noted that the ACHMP was approved by DPIE.
Schedule 3, Condition 25	Suitable long-term securities for WQ offsets were not confirmed and approved by DPIE prior to 31/12/18, as required under DA 344-11-2001.
Schedule 3, Condition 31 (c)	The submission date of the Mining Operations Plan for the period July 2020 to July 2025 to DPIE-RR was 29/05/20, which was outside of the three-month period from the approval of MOD3.
Schedule 3, Condition 37	Waste oil drums and other containers were found to be stored outside of bunded pallets during the audit site inspection.
Schedule 5, Condition 5 (b) and (c)	Evidence was not available to verify WQ review of plans strategies and programs following submission of relevant Annual Review (AR) documents and the 2018 IEA report.
Schedule 5, Condition 8	The 2018-2019 WQ AR noted a non-compliance as at the time of publishing the AR; the meeting minutes from 5 June 2019 CCC meeting was not publicly available on the WQ website.
Schedule 5, Condition 12	Evidence was not available to confirm that copies of the 2018-19 and 2019-20 AR documents were provided to LCC.
Schedule 5, Condition 17	Environmental Assessment documentation listed in Schedule 2, Condition 2(c) of DA 344-11-2001 was not available on the WQ website.

## 6. AUDIT RECOMMENDATIONS

*This section provides a summary of IEA recommendations arising from identified non-compliances, as well as opportunities for continual improvement.*

A consolidated list of recommendations is provided in **Table 5**. This includes those arising from both the non-compliances listed in **Section 5** and from opportunities for review and improvement identified during this IEA.

**Table 5**      **IEA Recommendations**

Ref	Recommendation Description
<b>Non-Compliance Recommendations</b>	
<b>DA 344-11-2001</b>	
Schedule 3, Condition 2	It is recommended that the times of all blast events are included in future Blast Monitoring Reports and AR documents published on the WQ website, to confirm compliance with approved WQ blasting hours.
Schedule 3, Condition 3B	It is recommended that WQ formally notify DPIE that a noise agreement is in place with the owner of property ID 'N2'.
Schedule 3, Condition 4 (c)	Undertake noise monitoring bi-annually in accordance with the approved Noise Management Plan.
Schedule 3, Conditions 11, 13	Ensure that dust sampling is undertaken within 30+/-2 days required under the relevant standard.
Schedule 3, Condition 23C	It is recommended that WQ seek formal DPIE endorsement of OzArk (or other suitably qualified person(s)) at the next revision of the ACHMP.
Schedule 3, Condition 25	It is recommended that WQ seek DPIE approval of the long-term offset security payments made to the Biodiversity Conservation Fund in 2018.
Schedule 3, Condition 37	Put additional containment / storage measures in place to ensure that containers holding hydrocarbons and oils are appropriately stored when not in active use, in accordance with AS1940.
Schedule 5, Condition 5 (b) and (c)	WQ consider adding a column providing the purpose of review/update to management plan document control tables to address this condition. It is also recommended that notification is provided to the DPIE on submission of each AR that confirms any management plans scheduled to be revised by WQ.
Schedule 5, Condition 8	Upload CCC meeting minutes to the Company website following their distribution to CCC representatives.
Schedule 5, Condition 12	Ensure that copies of WQ AR documents continue to be provided to LCC.
Schedule 5, Condition 17	Update the link to the current DPIE major projects database from the WQ website for access to DA 344-11-2001 approvals documentation.
<b>Continual Improvement Recommendations</b>	
<b>DA 344-11-2001</b>	
Schedule 3, Condition 1	Include the timing of all blast events in future Blast Monitoring Reports and AR documents published on the WQ website, to confirm compliance with approved blasting hours.
Schedule 3, Condition 4 (a)	Include comment on the annual operational noise Best Practice Measure review undertaken by WQ in future ARs.



Ref	Recommendation Description
Schedule 3, Condition 4 (b)	Consider adding a section to the 'Daily Inspection Logs' to allow for comments on metrological conditions and/or any corrective actions taken to minimise noise emissions from site to be noted by the Quarry Manager.
Schedule 3, Condition 4 (b)	Recommend that WQ consider making real-time meteorological data available to the Quarry Manager, to assist in reviewing noise-enhancing weather conditions.
Schedule 3, Condition 4 (b)	It is recommended that WQ include comment on the annual BPM review of noise impacts in future ARs.
Schedule 3, Condition 5	Include the approval letter from DPIE as an Appendix to the NMP.
Schedule 3, Condition 5 (c)	It is recommended that WQ include comment on the annual BPM review of noise impacts in future ARs.
Schedule 3, Condition 5 (e)	Recommend that the NMP is updated to modify the siting of attended monitoring location N2, or to add a fourth monitoring location representative of the closest privately-owned residence.
Schedule 3, Condition 9 (a)	Include comments on fume management in future blast monitoring reports.
Schedule 3, Condition 10	Include the approval letter from DPIE as an Appendix to the Blast Management Plan.
Schedule 3, Condition 13 (a)	Consider adding a section to the 'Daily Inspection Logs' to allow for comments on metrological conditions and/or any corrective actions taken to minimise noise emissions from site to be noted by the Quarry Manager.
Schedule 3, Condition 13 (b)	Consider making real-time meteorological data available to the Quarry Manager to assist in reviewing noise-enhancing weather conditions.
Schedule 3, Condition 14	Include the approval letter from DPIE as an Appendix to the Air Quality Management Plan.
Schedule 3, Condition 18	Include the approval letter from DPIE as an Appendix to the Soil and Water Management Plan (SWMP).
Schedule 3, Condition 23c	Include the approval letter from DPIE as an Appendix to the Aboriginal and Cultural Heritage Management Plan.
Schedule 3, Condition 25	WQ should seek DPIE approval for the long-term security arrangements confirmed for the BOS in May 2020.
Schedule 3, Condition 26	Include the approval letter from DPIE as an Appendix to the Biodiversity Management Plan. WQ should record and maintain mapping of areas treated for weeds in each year, to allow for the regular review of weed treatment methods and performance.
Schedule 3, Condition 30	Review the performance of cover on relatively small bare areas of topsoil stockpiles and rehabilitation areas identified. Re-establishment of grass cover and/or infill plantings should be considered in these areas.
Schedule 3, Condition 33	Investigate options to complete infill plantings or establish a cover crop on exposed sections of the visual bund.
Schedule 5, Condition 1	Include the approval letter from DPIE as an Appendix to the Environmental Management Strategy.
<b>EL 4473</b>	
Schedule 2, Condition 3	It is recommended that WQ consider the <i>Exploration Code of Practice: Community Consultation</i> in during consultation required for future activities under EL 4473.

For

**JAMES BAILEY & ASSOCIATES**

A handwritten signature in dark ink, appearing to read 'Dorian Walsh', written in a cursive style.

**Dorian Walsh**

Senior Environmental Scientist

**APPENDIX A**

**DPIE INDEPENDENT AUDIT**

**REPORT DECLARATION**

Independent Environmental Audit Report Declaration	
<b>Project Name:</b>	Wallerawang Quarry
<b>Consent No.:</b>	DA 344-11-2001 (as modified)
<b>Description of Project:</b>	Wallerawang Quarry (hard rock production)
<b>Project Address:</b>	Lot 6, Great Western Highway, Wallerawang, NSW, 2845
<b>Proponent</b>	Walker Quarries Pty Ltd
<b>Proponent Address:</b>	Lot 6, Great Western Highway, Wallerawang, NSW, 2845
<b>Title of Audit:</b>	Wallerawang Quarry Independent Environmental Audit
<b>Date:</b>	16/07/21
<b>Declaration</b>	<p>I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:</p> <ul style="list-style-type: none"> <li>i. the audit has been undertaken in accordance with relevant condition(s) of consent and the <i>Independent Audit Compliance Requirements</i> (Department 2020);</li> <li>ii. the findings of the audit are reported truthfully, accurately and completely;</li> <li>iii. I have exercised due diligence and professional judgement in conducting the audit;</li> <li>iv. I have acted professionally, objectively and in an unbiased manner;</li> <li>v. I am not related to any proponent, owner or operator of the project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child;</li> <li>vi. I do not have any pecuniary interest in the audited project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;</li> <li>vii. neither I nor my employer have provided consultancy services for the audited project that were subject to this audit except as otherwise declared to the Department prior to the audit; and</li> <li>viii. I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so.</li> </ul> <p>Notes:</p> <ul style="list-style-type: none"> <li>a) Under section 10.6 of the <i>Environmental Planning and Assessment Act 1979</i> 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</li> <li>b) The <i>Crimes Act 1900</i> 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).</li> </ul>
<b>Name of Auditor:</b>	Dorian Walsh
<b>Signature:</b>	
<b>Auditor Qualification</b>	Auditor for Environmental Management, EMS and Compliance Audits. Exemplar Global No. 201881
<b>Company:</b>	James Bailey & Associates
<b>Company Address:</b>	6/127-129 John Street, Singleton NSW 2330

**APPENDIX B**

**APPROVAL AND LICENCE**

**COMPLIANCE TABLES**

Table A  
Development Approval 344-11-2001 Conditions

Schedules 2-5 updated in entirety during MOD1 25 August 2017.      Red type represents 7 December 2018 modification (MOD2).      Aqua type represents 26 February 2020 modification (MOD3)

Cond	DA 344-11-2001 Condition	Status	Evidence
<b>SCHEDULE 2 ADMINISTRATIVE CONDITIONS</b>			
<b>Obligation to Minimise Harm to the Environment</b>			
1.	In addition to meeting the specific performance criteria established under this approval, the Proponent must 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 project.	Compliant	No incidents or non-compliances identified during the audit period resulted in material harm to the environment.
<b>Terms of Consent</b>			
2.	The development may only be carried out: (a) in compliance with the conditions of this consent; (b) in accordance with all written directions of the Secretary; (c) generally in accordance with the EIS, EA (Mod 1), SEE (Mod 2) and SEE (Mod 3); and (d) generally in accordance with the Development Layout in Appendix 1.	Not compliant	<b>(a) Non-conformances against the conditions of this consent were noted. These are identified against the relevant conditions below.</b>  (b - d) The development was observed to be carried out generally in accordance with WQ approvals and layout plan.
3.	If there is any inconsistency between the documents in condition 2 (c), the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this approval shall prevail to the extent of any inconsistency.	Not triggered	None noted during the audit period (AI pers comm).
4.	The Applicant must comply with any written 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 (including any stages of these documents);  (b) any reviews, reports or audits undertaken or commissioned by the Department regarding compliance with this consent; and  (c) the implementation of any actions or measures contained in these documents.	Not triggered	No further correspondence was received additional to that described below in this table for DA 344-11-2001 plans, strategies and other compliance documents (AI per comms).
<b>Limits on Consent</b>			
5.	The Applicant may carry out quarrying operations on the site until 15 July 2040.  <b>Note:</b> <ul style="list-style-type: none"><li>Under this consent, the Applicant is required to rehabilitate the site and carry out additional requirements and undertakings to the satisfaction of the Secretary. Consequently, this consent will continue to apply in all respects other than the right to conduct quarrying operations until the rehabilitation of the site and those requirements and undertakings have been carried out to the standard required by the applicable conditions.</li></ul>	Not triggered	Quarrying operations can continue until 2040.
<b>Extraction Depth</b>			
6	The Applicant must not conduct quarrying operations within one metre of the maximum groundwater level, with the exception of areas where the Applicant has received the written approval of the Secretary for the construction and use of drainage sumps, groundwater monitoring bores, exploration boreholes or other similar activity agreed to by the Secretary.	Compliant	As per the MOD 3 DPIE Assessment Report, the water table at the site ranges between 870 and 900 m Australian Height Datum (AHD).  Section 5.2 of the Soil and Water Management Plan (SWMP) provides results from previous studies: <ul style="list-style-type: none"><li>MOD 1 (2017) reviewed records of registered groundwater bores within 3 km of the Quarry and established groundwater levels below 910 AHD</li><li>No interceptions of significant groundwater during exploration drilling completed to depths of 890m AHD</li><li>Investigations undertaken to support the extension to the Quarry by Jacobs identify the</li></ul>



Cond	DA 344-11-2001 Condition	Status	Evidence
			<p>groundwater table at an elevation of no higher than 890m AHD.</p> <p>Viewed correspondence from AI to DPIE-Natural Resources Access Regulator (NRAR) dated 26/04/21 regarding a revision to the SWMP document (see Schedule 3, Condition 18). The letter notes that:</p> <ul style="list-style-type: none"> <li>- The methodology for determination of the maximum groundwater level will be confirmed in consultation with DPIE-NRAR; and</li> <li>- WQ will not undertake extraction below 901m AHD without NRAR-Water endorsement of the established maximum groundwater level.</li> </ul> <p>AI (pers comm) confirmed that quarry extraction remains above 901m AHD at the time of audit. Viewed 'Briefing Note' from Umwelt to WQ documenting water levels in the three groundwater monitoring bores surrounding the site, dated 22/04/21.</p>
6A	<p>Prior to the commencement of quarrying operations below 901 mAHD (except for activities approved under condition 6 of this Schedule), the Applicant must:</p> <p>(a) determine the maximum groundwater level within and adjacent to the proposed extraction area, in consultation with DPIE - Water, using all available groundwater and rainfall monitoring data collected from the site or in the vicinity of the site and appropriate modelling software and parameters;</p> <p>(b) establish the proposed maximum extraction depth to comply with condition 6; and</p> <p>(c) prepare a contour map or similar, showing the proposed maximum extraction depth; for the approval of the Secretary.</p>	Not triggered	See Schedule 2, Condition 6 above.
<b>Limits on Extraction and Transport</b>			
7.	The Applicant must not extract and/or transport more than 500,000 tonnes of quarry products from the site in any calendar year.	Compliant	<p>Viewed WQ Annual Review (AR) documents prepared during the reporting period, which confirm extraction and transport of product from site were within approved limits:</p> <ul style="list-style-type: none"> <li>- 2018 AR: 173,910 t was transported from site;</li> <li>- 2019 AR: 122,936 t was transported from site;</li> <li>- 2020 AR: 208,032 t transported from site; and</li> </ul> <p>Viewed WQ 'Sales Summary 2020-21' sheet, which shows a total of 131,580 t transported from site as at the end of April 2021.</p>
<b>Structural Adequacy</b>			
8.	<p>The Applicant must 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.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Under Part 6 of the EP&amp;A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works.</li> <li>• Part 8 of the EP&amp;A Regulation sets out the requirements for the certification of the development.</li> </ul>	Compliant	<p>Viewed final Occupation Certificate 180143/01 dated 28/02/18 and associated inspection reports prepared by BBAC Certifiers. Occupation references Lithgow City Council (LCC) DA 019/18 for 'New de-mountable office with training room.'</p> <p>PH (pers comm) confirmed no other new buildings or alterations were constructed during the audit period.</p>
<b>Demolition</b>			
9.	The Applicant must ensure that all demolition work is carried out in accordance with <i>Australian Standard AS 2601-2001: The Demolition of Structures</i> , or its latest version.	Not triggered	AI (per comm) confirmed that no demolition works have occurred during the audit period.
<b>Protection of Public Infrastructure</b>			
10.	<p>Unless the Applicant and the applicable authority agree otherwise the Applicant must:</p> <p>(a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and</p> <p>(b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.</p>	Not triggered	<p>Viewed WQ AR documents prepared during the reporting period, which confirm:</p> <ul style="list-style-type: none"> <li>- 2018 AR: No damage to public infrastructure reported;</li> <li>- 2019 AR: No damage to public infrastructure reported; and</li> <li>- 2020 AR: No damage to public infrastructure reported.</li> </ul> <p>PH (pers comms) stated that no damage to public infrastructure had been reported to WQ since lodgement</p>

Cond	DA 344-11-2001 Condition	Status	Evidence
	<b>Note:</b> This condition does not apply to damage to roads caused as a result of general road usage.		of the 2020 AR.
<b>Operation of Plant and Equipment</b>			
11.	The Applicant must ensure that all the plant and equipment used at the site, or to monitor the performance of the development is: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient manner.	Compliant	a) Audit site inspection indicated that plant and equipment on site was generally well maintained (see <b>Plate 1 to Plate 3</b> ).  Viewed six-monthly Noise Monitoring Assessment Reports during the audit period, including those appended to the 2019 and 2020 AR documents as prepared by MAC. The MAC monitoring reports confirm that site plant and equipment was generally compliant with sound power levels adopted for the EIS.  Appendix 7 of the 2018/19 and 2019/20 ARs state the plant and equipment are serviced every 250 hours. Viewed examples of WQ maintenance records ('WQ Repair Order / Job Card') retained for each item of plant and equipment on site.  b) Audit site inspection found that plant and equipment on site was generally being operated in a proper and efficient manner to reduce dust and noise emissions.  Viewed examples of completed WQ 'Site WHS Induction Forms' and 'Site Induction Program', which include requirements for the safe and efficient operation of plant and equipment by certified operators. Also sighted completed 'Walker Quarries Mobile Plant Prestart and Operational Safety Check.'
<b>Production Data</b>			
12.	The Applicant must: (a) from the commencement of quarrying operations provide calendar year annual quarry production data to <b>RR</b> using the standard form for that purpose; and (b) include a copy of this data in the Annual Review.	Compliant	a) Sighted S1 Form for year ending 30/06/18 dated 23/08/18 (provided by PH), S1 Form dated 26/09/19 for year ending 30/06/19 (Appendix 2 2018-19 AR) and Form S1 dated 17/09/20 for year ending 30/6/20. (Appendix 2 2019-20 AR). b) Section 4.2 of the 2019-20 AR, 2018-19 AR contains annual production data for the audit period.
<b>Compliance</b>			
13.	The Applicant must ensure that all employees, contractors and sub contractors are aware of, <b>are instructed to</b> and comply with, the conditions of this consent relevant to their respective activities.	Compliant	Viewed examples of completed WQ 'Site WHS Induction Forms' and 'Site Induction Program'. Documents include content on general environmental and safety management obligations for site personnel from the consent.  PH (pers comm) confirm that inductions are required for all WQ employees and contractors.
<b>Contributions to Council</b>			
14.	Within 6 months of the date of approval of Modification 3, the Applicant must make contributions to Council for the provision of public facilities and to enhance amenity and services within the Lithgow LGA, in accordance with the <b>Section 94A Development Contributions Plan for Lithgow City Council October 2015</b> , or its most recent version. <b>Note:</b> See also section 7.11 of the EP&A Act.	Compliant	MOD 3 was approved 26 February 2020, so payment was required by 26/08/20.  An enquiry to LCC regarding the issue of an invoice for this payment was made by WQ on 29 June 2020 (Appendix 7 of the 2019-20 AR). Viewed LCC invoice for 'Section 94A Development Contribution – DA344-11-2004 Modification 3 – Walker Quarries' dated 15/07/20 and Remittance Advice from WQ for the required amount, dated 03/08/20.
<b>Applicability to Guidelines</b>			
15.	References in the conditions of this consent to any guideline, protocol, Australia Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as the date of inclusion (or later update) in the condition.	-	Noted.
16.	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Secretary may, in respect of ongoing monitoring and management obligations, agree to or require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	Not triggered	Noted
<b>Crown Land</b>			
17.	The Applicant must consult with DPIE - Crown Lands prior to undertaking any development on Crown land or Crown roads.	Compliant	The Quarry is located over 3 parcels of land: - Lot 6 DP872230 owned by the Quarry; - Lot 7322 DP1149335 owned by Crown land; and

Cond	DA 344-11-2001 Condition	Status	Evidence										
	<p><b>Notes:</b></p> <p>(a) Under Section 265 of the Mining Act 1992, the Applicant is required to enter into a compensation agreement with DPIE - Crown Lands prior to undertaking any mining operations or related activities on Crown land or Crown roads within a mining lease.</p> <p>(b) Under Section 141 of the Mining Act 1992, the Applicant is required to enter into an access arrangement with DPIE - Crown Lands prior to undertaking any prospecting operations on Crown land or Crown roads within an exploration licence.</p>		<p>- Lot 7071 DP1201227 owned by Crown land.</p> <p>Viewed letter from DPIE-Crown Lands Business Centre dated 23/08/19 and 'Crown Land Management Act Section 2.18 Licence (Licence Number RN 598097)' dated 27/09/29, for Lot 7322 DP 1149335.</p> <p>Viewed 'Compensation Agreement' between Forestry Corporation of NSW and WQ for access and mining within the Lidsdale State Forest, dated 03/07/18.</p>										
SCHEDULE 3 SPECIFIC ENVIRONMENTAL CONDITIONS													
NOISE													
Hours of Operation													
1.	<p>The Applicant must comply with the operating hours set out in Table 1.</p> <table><caption>Table 1: Operating Hours</caption><tr><th>Activity</th><th>Permissible Hours</th></tr><tr><td>Quarrying operations</td><td><ul style="list-style-type: none"><li>7 am to 6 pm Monday to Friday</li><li>8 am to 1 pm Saturday</li><li>At no time on Sundays or public holidays</li></ul></td></tr><tr><td>Loading and dispatch of trucks</td><td><ul style="list-style-type: none"><li>May be conducted at any time, provided these activities comply with the noise criteria in Table 2</li></ul></td></tr><tr><td>Blasting</td><td><ul style="list-style-type: none"><li>9 am to 5 pm Monday to Friday</li><li>9 am to 1 pm on Saturdays</li><li>At no time on Sundays or public holidays</li></ul></td></tr><tr><td>Maintenance</td><td><ul style="list-style-type: none"><li>May be conducted at any time, provided that these activities are not audible at any privately-owned residence</li></ul></td></tr></table>	Activity	Permissible Hours	Quarrying operations	<ul style="list-style-type: none"><li>7 am to 6 pm Monday to Friday</li><li>8 am to 1 pm Saturday</li><li>At no time on Sundays or public holidays</li></ul>	Loading and dispatch of trucks	<ul style="list-style-type: none"><li>May be conducted at any time, provided these activities comply with the noise criteria in Table 2</li></ul>	Blasting	<ul style="list-style-type: none"><li>9 am to 5 pm Monday to Friday</li><li>9 am to 1 pm on Saturdays</li><li>At no time on Sundays or public holidays</li></ul>	Maintenance	<ul style="list-style-type: none"><li>May be conducted at any time, provided that these activities are not audible at any privately-owned residence</li></ul>	Compliant	<p>Viewed examples of WQ employee timesheets completed during the audit period. PH (pers comm) confirmed that staff can be on site prior to or after approved hours, however no 'quarrying operations' are undertaken outside of approved times.</p> <p>Viewed examples of blasting contractor (Premier Drill &amp; Blast) reports for blast events, which include times of each blasting event. <b>It is recommended that the times of all blast events are included in future Blast Monitoring Reports and AR documents published on the WQ website.</b></p>
Activity	Permissible Hours												
Quarrying operations	<ul style="list-style-type: none"><li>7 am to 6 pm Monday to Friday</li><li>8 am to 1 pm Saturday</li><li>At no time on Sundays or public holidays</li></ul>												
Loading and dispatch of trucks	<ul style="list-style-type: none"><li>May be conducted at any time, provided these activities comply with the noise criteria in Table 2</li></ul>												
Blasting	<ul style="list-style-type: none"><li>9 am to 5 pm Monday to Friday</li><li>9 am to 1 pm on Saturdays</li><li>At no time on Sundays or public holidays</li></ul>												
Maintenance	<ul style="list-style-type: none"><li>May be conducted at any time, provided that these activities are not audible at any privately-owned residence</li></ul>												
2.	<p>The following activities may be carried out outside the hours specified in condition 1 above:</p> <p>(a) delivery or dispatch of materials as requested by Police or other public authorities; and</p> <p>(b) emergency work to avoid the loss of lives, property or to prevent environmental harm.</p> <p>In such circumstances, the Applicant must notify the Secretary and affected residents prior to undertaking the activities, or as soon as is practical thereafter.</p>	Compliant	<p>(a) No delivery or dispatch of materials as requested by Police or other public authorities (AI per comms).</p> <p>(b) No emergency work to avoid the loss of lives, property or to prevent environmental harm (AI per comms).</p>										
Operational Noise Criteria													
3.	<p>The Applicant must ensure that the noise generated by the development does not exceed the criteria in</p> <table><caption>Table 2: Operational noise criteria dB(A)</caption><tr><th>Noise Assessment Location</th><th>Day <i>L<sub>Aeq</sub></i> (15 min)</th><th>Evening <i>L<sub>Aeq</sub></i> (15 min)</th><th>Night <i>L<sub>Aeq</sub></i> (15 min)</th></tr><tr><td>All privately-owned residences</td><td>43</td><td>39</td><td>35</td></tr></table>	Noise Assessment Location	Day <i>L<sub>Aeq</sub></i> (15 min)	Evening <i>L<sub>Aeq</sub></i> (15 min)	Night <i>L<sub>Aeq</sub></i> (15 min)	All privately-owned residences	43	39	35	Compliant	<p>Noise monitoring is completed at least every six months at 3 sites (N1: Gemalong property N2: Cockatoo Pines property and N3: Cypress Place) Another monitor is located opposite the Quarry office RL1 (see Schedule 3, Condition 5).</p> <p>Attended monitoring was completed by Muller Acoustics Consulting Pty Ltd (MAC) throughout the audit period. No exceedances of operational noise criteria were identified during the April and August 2018, April and September 2019 and March and September 2020. The MAC monitoring report for March 2021 notes that WQ noise exceeded criteria at property N2 (a privately-owned property and not a residential location); however it was noted by MAC that the property owner has an agreement with WQ and as such, the noise criteria under this condition do not apply (see Schedule 3, Condition 3B).</p>		
Noise Assessment Location	Day <i>L<sub>Aeq</sub></i> (15 min)	Evening <i>L<sub>Aeq</sub></i> (15 min)	Night <i>L<sub>Aeq</sub></i> (15 min)										
All privately-owned residences	43	39	35										
3A.	Noise generated by the development must be monitored and measured in accordance with the relevant procedures and exemptions (including certain meteorological conditions) of the <i>NSW Noise Policy for Industry</i> (EPA, 2017).	Compliant	<p>Condition 3A was in place from 26/02/20.</p> <p>Noise monitoring reports completed by MAC in 2020 (March and September) and 2021 (March) include a statement that compliance monitoring is completed in accordance the NSW INP.</p>										
3B.	The noise criteria in Table 2 do not apply if the Applicant has an agreement with the owner/s of the relevant residence or land to exceed the noise criteria, and the Applicant has advised the Department in writing of the terms of this agreement.	Not compliant	<p>Following the audit site inspection, a letter to WQ dated 08/07/21 from the owner of property 'N2' was provided, which confirmed that the landholder has a noise agreement with WQ, is accepting of noise levels at the property and aware that these may exceed operational noise criteria in the WQ development consent. The letter confirms that there is not a residence on property 'N2'. <b>WQ were not able to verify that DPIE have been advised that a noise agreement is in place with the owner of property 'N2'. It is recommended that WQ formally notify DPIE that this agreement is in place.</b></p>										

Cond	DA 344-11-2001 Condition	Status	Evidence
Operating Conditions			
4.	<p>The Applicant must:</p> <p>(a) implement best practice management to minimise the construction, operational and road transportation noise of the development;</p> <p>(b) minimise the noise impacts of the development during meteorological conditions when the noise criteria in this consent do not apply (see Appendix 3);</p> <p>(c) carry out noise monitoring (at least every 3 months or as otherwise agreed with the Secretary) to determine whether the development is complying with the relevant conditions of this consent; and</p> <p>(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.</p> <p><i>Note: Required frequency of noise monitoring may be reduced if approved by the Secretary</i></p>	Not compliant	<p>a) The audit site inspection found that the operational best practice measures were (BPM) were generally being implemented as per Section 6.3 of the approved NMP. Section 6.5 of the approved NMP notes that an assessment of any revised BPM applicable to the site will be undertaken on an annual basis and included in WQ AR documents. Specific commentary on BPM review was not included in the 2020 AR document. <b>It is recommended that WQ include comment on the annual BPM review in future ARs.</b></p> <p>b) Sighted examples of 'Daily Inspection Logs' completed by WQ Quarry Manager dated 15/06/20 and 18/09/20, 19/10/20 , 11/2/21, 09/03/21 which referenced consideration of dust and noise controls for trucks leaving site, maintenance on sand plant. <b>It is recommended that WQ consider adding a section to the 'Daily Inspection Logs' to allow for comments on metrological conditions and/or any corrective actions taken to minimise noise emissions from site to be noted by the Quarry Manager.</b> <b>It is also recommended that WQ consider making real-time meteorological data available to the Quarry Manager to assist in reviewing noise-enhancing weather conditions;</b></p> <p>c) The approved Noise Management Plan allows for bi-annual noise monitoring. Monitoring events completed during the audit period by MAC included:</p> <ul style="list-style-type: none"><li>- 28/08/18 and 29/08/18;</li><li>- 02/04/19 and 03/04/19. <b><u>A period greater than six months had elapsed since the previous monitoring event. This was reported as a non-compliance in the 2018-19 AR. Recommend that noise monitoring is undertaken bi-annually in accordance with the approved NMP.</u></b></li><li>- 11 and12/9/19;</li><li>- 13/3/20;</li><li>- 01/9/20; and</li><li>- 31/03/20.</li></ul> <p>d) See comments on Schedule 3, Condition 4(b) above.</p>
Noise Management Plan			
5.	<p>The Applicant must prepare a Noise Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <p>(a) be prepared in consultation with the EPA;</p> <p>(b) be submitted to the Secretary within three months of the determination of Modification 1, unless otherwise agreed by the Secretary;</p> <p>(c) describe the measures to be implemented to ensure:</p> <ul style="list-style-type: none"><li>• compliance with the noise criteria and operating conditions of this consent;</li><li>• best practice management is being employed; and</li><li>• the noise impacts of the development are minimised during meteorological conditions under which the noise criteria in this consent do not apply (see NPfl);</li></ul> <p>(d) describe the proposed noise management system; and</p> <p>(e) 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.</p> <p>The Applicant must implement the Noise Management Plan as approved from time to time by the Secretary.</p>	Compliant	<p>Wallerawang Quarry currently operates under the NMP 2021 (version 3.0) approved by the Secretary 10/02/2021. <b>Recommend including the approval letter from DPIE as an Appendix to the NMP.</b></p> <p>a) Viewed email from AI to EPA dated 18/3/20 requesting EPA to review the draft updated NMP following the approval of MOD 3. Viewed response from EPA dated 9/4/20 confirming no comments (Appendix A of NMP).</p> <p>b) MOD 1 was approved 25/8/17. 2018 IEA sighted email submitting the NMP to DPIE on 24/11/17, within 3 months of approval.</p> <p>c) Section 5 of the NMP describes the noise criteria and operating conditions of this consent, Section 6.5 of the NMP describes BPM implemented on site to minimise noise impacts; and Table 6.3 lists out the measures to be implemented following meteorological conditions under which the noise criteria of the consent do not apply. <b>See Schedule 3, Condition 4 above for recommendations in relation to WQ documenting measures to minimise noise emissions from site.</b></p> <p>d) Section 6 of the NMP describes the WQ noise management system.</p> <p>e) Section 7 describes the noise monitoring program to be implemented at the Quarry. Section 7.4 provides details on how the Quarry evaluates the effectiveness of the noise management system. Section 5 of the NMP notes that WQ 'does not currently hold any agreements with residents for noise levels exceeding the noise criteria of Condition 3(3) (Table 2) of DA 344-11-2001.' <b>It is recommended that the NMP is revised to modify the siting of attended monitoring location N2 or to add a fourth monitoring location representative of the closest privately-owned residence (see Schedule 3, Condition 3).</b></p>

Cond	DA 344-11-2001 Condition	Status	Evidence															
BLASTING																		
Blasting Impact Assessment Criteria																		
6.	<p>The Applicant must ensure that blasting on site does not cause any exceedance of the criteria in Table 3.</p> <p>Table 3: Blasting Criteria</p> <table><tr><th>Receiver</th><th>Airblast overpressure (dB(Lin Peak))</th><th>Ground vibration (mm/s)</th><th>Allowable exceedance</th></tr><tr><td rowspan="2">Any residence on privately-owned land</td><td>120</td><td>10</td><td>0%</td></tr><tr><td>115</td><td>5</td><td>5% of the total number of blasts over a period of 12 months</td></tr><tr><td>All public infrastructure</td><td>-</td><td>50</td><td>0%</td></tr></table> <p>However, these criteria do not apply if the Applicant has a written agreement with the relevant landowner or infrastructure owner to exceed the limits in Table 3, and the Applicant has advised the Department in writing of the terms of this agreement.</p>	Receiver	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance	Any residence on privately-owned land	120	10	0%	115	5	5% of the total number of blasts over a period of 12 months	All public infrastructure	-	50	0%	Compliant	<p>The following blast reports were reviewed:</p> <ul style="list-style-type: none"><li>- 2018 (from April): dated 27/4/18, 9/5/18, 20/11/18, 18/12/18</li><li>- 2019: dated 19/2/19, 1/4/19, 11/6/19, 15/8/19, 20/9/19</li><li>- 2020: dated 21/1/20, 12/5/20, 30/6/20, 9/9/20, 16/9/20, 16/12/20</li><li>- 2021: sighted monitoring reports completed by Premier Drill and Blast dated 24/2/21, 13/04/21.</li></ul> <p>No exceedances of the blast impact criteria occurred during the audit period occurred.</p> <p>Blast monitoring point B4 was installed April 2019.</p>
Receiver	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance															
Any residence on privately-owned land	120	10	0%															
	115	5	5% of the total number of blasts over a period of 12 months															
All public infrastructure	-	50	0%															
Property Inspections																		
7.	<p>If the Applicant receives a written request from the owner of any privately-owned land within 2 kilometres of the site for a property inspection to establish the baseline condition of any buildings and structures on their land, or to have a previous property inspection updated, then within 2 months of receiving this request the Applicant must:</p> <p>(a) commission a suitably qualified, experienced and independent person, whose appointment is acceptable to both parties to:</p> <ul style="list-style-type: none"><li>• establish the baseline condition of any buildings and other structures on the land, or update the previous property inspection report; and</li><li>• identify measures that should be implemented to minimise the potential blasting impacts of the development on these buildings and structures; and</li></ul> <p>(b) give the landowner a copy of the new or updated property inspection report.</p> <p>If there is a dispute over the selection of the suitably qualified, experienced and independent person, or the Applicant or the landowner disagrees with the findings of the property inspection report, either party may refer the matter to the Secretary for resolution.</p>	Compliant	<p>No written request from any privately owned land within 2kms was received during the audit period (AI per comms).</p>															
Property Investigations																		
8.	<p>If the owner of any privately-owned land within 2 kilometres of the site or any other landowner where the Secretary is satisfied an investigation is warranted, or claims in writing that buildings or structures on their land have been damaged as a result of blasting on the site, then within 2 months of receiving this written claim the Applicant must:</p> <p>(a) commission a suitably qualified, experienced and independent person, whose appointment is acceptable to both parties to investigate the claim; and</p> <p>(b) give the landowner a copy of the property investigation report.</p> <p>If this independent property investigation confirms the landowner's claim, and both parties agree with these findings, then the Applicant must repair the damage to the satisfaction of the Secretary.</p> <p>If there is a dispute over the selection of the suitably qualified, experienced and independent person, or the Applicant or the landowner disagrees with the findings of the independent property investigation, then either party may refer the matter to the Secretary for resolution.</p>	Compliant	<p>No written request from any privately owned land within 2kms was received during the audit period (AI per comms).</p>															
Operating Conditions																		
9.	<p>During blasting operations, the Applicant must:</p> <p>(a) implement best practice management to:</p>	Compliant	<p>a) During the audit period there were no exceedances of blasting criteria.</p> <p>No complaints relating to blasting occurred during the audit period. AI noted no impacts to blasting</p>															



Cond	DA 344-11-2001 Condition	Status	Evidence																										
	<ul style="list-style-type: none"><li>protect the safety of people and livestock;</li><li>protect public or private infrastructure and property from damage; and</li><li>minimise the dust and fume emissions;</li></ul> <p>(b) operate a suitable system to enable the local community to get up-to-date information on the proposed blasting schedule on site; and</p> <p>(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.</p>		<p>dust, fume to Highway.</p> <p>Section 6.1.7 of the Blast MP details measures to reduce fume emissions. <b>It is recommended that comments on fume management are included in future blast monitoring reports.</b></p> <p>b) Section 6.1.1of the Blast MP details the system to enable the community to get up to date information. Examples of WQ Blast Notices were sighted, including for events on 24/02/21 and 13/04/21.</p> <p>c) Blast monitoring has been undertaken in accordance with the monitoring schedule within Section 7 of the Blast MP, where monitoring is required for each blast event.</p>																										
<b>Blast Management Plan</b>																													
10.	<p>The Applicant must prepare a Blast Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <p>(a) be submitted to the Secretary for approval within three months of the determination of Modification 1, unless otherwise agreed by the Secretary;</p> <p>(b) describe the measures to be implemented to ensure compliance with the blast criteria and operating conditions of this consent;</p> <p>(c) include measures to manage flyrock to ensure the safety or people and livestock and to protect properties;</p> <p>(d) include a monitoring program for evaluating and reporting on compliance with the blasting criteria in this consent;</p> <p>(e) include local community notification procedures for the blasting schedule, in particular to nearby residences; and</p> <p>(f) include a protocol for investigating and responding to complaints related to blasting operations.</p> <p>The Applicant must implement the Blast Management Plan as approved from time to time by the Secretary.</p>	Compliant	<p>Wallerawang Quarry currently operates under the Blast Management and Explosives Control Plan Aug 20 (Version 2.3) approved by the Secretary 19/08/20. <b>Recommend including the approval letter from DPIE as an Appendix to the BMP.</b></p> <p>a) The 2018 IEA sighted an email dated 24/11/2017 from RW Corkery submitting the Blast MP to DPIE. MOD 1 was approved 25/8/17, which is within 3 months.</p> <p>b) Section 6 of the Blast MP provides details on measures to be implemented to ensure compliance.</p> <p>c) Section 6.1.5 provides details on managing flyrock;</p> <p>d) Section 7 includes details on the blast monitoring program;</p> <p>e) Section 6.1.1 provides the procedures for blasting scheduling and community notification; and</p> <p>f) Section 6.2.2 details the protocol for responding to complaints.</p>																										
<b>AIR QUALITY</b>																													
<b>Air Quality Criteria</b>																													
11.	<p>The Applicant must ensure that particulate matter emissions generated by the development do not cause exceedances of the criteria in Table 4 at any residence on privately-owned land.</p> <p><i>Table 4: Air quality criteria</i></p> <table><tr><th>Pollutant</th><th>Averaging period</th><th colspan="2">Criterion</th></tr><tr><td rowspan="2">Particulate matter &lt; 10 µm (PM<sub>10</sub>)</td><td>Annual</td><td colspan="2"><sup>a, c</sup> 25 µg/m<sup>3</sup></td></tr><tr><td>24 hour</td><td colspan="2"><sup>b</sup> 50 µg/m<sup>3</sup></td></tr><tr><td rowspan="2">Particulate matter &lt; 2.5 µm (PM<sub>2.5</sub>)</td><td>Annual</td><td colspan="2"><sup>a, c</sup> 8 µg/m<sup>3</sup></td></tr><tr><td>24 hour</td><td colspan="2"><sup>b</sup> 25 µg/m<sup>3</sup></td></tr><tr><td>Total suspended particulate (TSP) matter</td><td>Annual</td><td colspan="2"><sup>a, c</sup> 90 µg/m<sup>3</sup></td></tr><tr><td><sup>d</sup> Deposited dust</td><td>Annual</td><td><sup>b</sup> 2 g/m<sup>2</sup>/month</td><td><sup>a</sup> 4 g/m<sup>2</sup>/month</td></tr></table> <p><i>Notes:</i></p> <p><i>a Total impact (i.e. incremental increase in concentrations due to the development plus background concentrations due to all other sources). NSW Government Department of Planning &amp; Environment 12</i></p> <p><i>b Incremental impact (i.e. incremental increase in concentrations due to the development on its own).</i></p> <p><i>c Excludes extraordinary events such as bushfires, prescribed burning, dust storms, fire incidents or any other activity agreed by the Planning Secretary.</i></p> <p><i>d Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003: Methods for Sampling and Analysis of Ambient Air - Determination of Particulate Matter - Deposited Matter - Gravimetric Method.</i></p>	Pollutant	Averaging period	Criterion		Particulate matter < 10 µm (PM <sub>10</sub> )	Annual	<sup>a, c</sup> 25 µg/m <sup>3</sup>		24 hour	<sup>b</sup> 50 µg/m <sup>3</sup>		Particulate matter < 2.5 µm (PM <sub>2.5</sub> )	Annual	<sup>a, c</sup> 8 µg/m <sup>3</sup>		24 hour	<sup>b</sup> 25 µg/m <sup>3</sup>		Total suspended particulate (TSP) matter	Annual	<sup>a, c</sup> 90 µg/m <sup>3</sup>		<sup>d</sup> Deposited dust	Annual	<sup>b</sup> 2 g/m <sup>2</sup> /month	<sup>a</sup> 4 g/m <sup>2</sup> /month	Not compliant	<p>PM2.5 24hr criteria was added to the consent on approval of MOD 3 on 26/2/20. The Air Quality Impact Assessment for MOD3 (Ramboll, 2019) predicted that no receptors would experience exceedances of the air quality impact criteria as a result of WQ operations.</p> <p>Deposited dust is required to be measured monthly and the particulate matter to be measured continuously. In accordance with Section 7.3.2 of the Air Quality Management Plan (AQMP), a Dust Master Pro has been installed and operating since February 2021 (AI, pers comm).</p> <p>The following Deposited dust non-compliances occurred during the audit period:</p> <ul style="list-style-type: none"><li>2018 (from April) – No exceedances of criteria;</li><li>2019 – No exceedances of criteria. <b><u>Two dust samples were not collected within the 30+/-2 days required under the relevant standard. November and December 2019 samples were collected after 33 and 35 days, respectively. These are considered to be administrative non-compliances given that the results were analysed and recorded;</u></b></li><li>2020 - January results exceeded the air quality criteria but were not considered to be an exceedance due to extraordinary regional bushfire events and their impact on monitoring results (as per Table 6.2 of the AQMP);</li></ul> <p>No other exceedances of impact criteria. <b><u>Two dust samples were not collected within 30+/-2 days required under the relevant standard. February and March 2020 samples were collected after 27 and 33 days, respectively. These are considered to be administrative non-compliances given that the results were analysed and recorded;</u></b></p> <ul style="list-style-type: none"><li>2021 (during the audit period) – No exceedances of criteria.</li></ul> <p><b>Recommend ensuring that dust sampling is undertaken within 30+/-2 day period required under the relevant standard.</b></p>
Pollutant	Averaging period	Criterion																											
Particulate matter < 10 µm (PM <sub>10</sub> )	Annual	<sup>a, c</sup> 25 µg/m <sup>3</sup>																											
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<sup>d</sup> Deposited dust	Annual	<sup>b</sup> 2 g/m <sup>2</sup> /month	<sup>a</sup> 4 g/m <sup>2</sup> /month																										



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12.	The air quality criteria in Table 4 do not apply if the Applicant has an agreement with the owner/s of the relevant residence or infrastructure to exceed the air quality criteria, and the Applicant has advised the Department in writing of the terms of this agreement.	Not triggered	WQ does not currently have any agreements with relevant residences or infrastructure (AI per comms).
Operating Conditions			
13.	<p>The Applicant must:</p> <p>(a) implement best practice management to minimise the dust emissions of the development;</p> <p>(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;</p> <p>(c) minimise the air quality impacts of the development during adverse meteorological conditions and extraordinary events (see note c under Table 4);</p> <p>(d) monitor and report on compliance with the relevant air quality conditions in this consent; and</p> <p>(e) minimise the area of surface disturbance and undertake progressive rehabilitation of the site, to the satisfaction of the Secretary.</p>	Not compliant	<p>a) Table 6.1 of the AQMP lists out the proactive mitigation and management measures for site. <b>It is recommended that WQ consider adding a section to the ‘Daily Inspection Logs’ to allow for comments on metrological conditions and/or any corrective management actions taken to minimise dust emissions from site to be noted by the Quarry Manager.</b></p> <p>b) Section 7.2 of the AQMP list out the meteorological data and reasoning for positioning. Table 6.2 of the AQMP lists out the Trigger and Responsive actions for the Quarry including relocation of activities, or suspension of activities. <b>It is recommended that WQ consider making real-time meteorological data available to the Quarry Manager to allow the review of weather conditions to assist in dust management.</b></p> <p>c) As per above.</p> <p>d) Section 9 of the AQMP provides details on reporting on air quality conditions.</p> <p>e) View rehabilitation and bunding areas during site inspection. Progressive rehabilitation is described in the Rehabilitation Management Plan (see Schedule 3, Conditions 30 – 33). Disturbed areas on site were generally consistent with concept plans presented in the EIS and MOD3.</p> <p>The AQMP requires dust deposition monitoring to be undertaken in accordance with AS/NZS 3580.10.1:2003. The monitoring period prescribed in this standard is 30 +/- 2 days. <b><u>On four occasions during the audit period, the timing of deposition dust monitoring periods did not align with the relevant standard (See Schedule 3, Condition 11 above). These are considered to be administrative non-compliances given that the results were analysed and recorded outside of the approved period.</u></b></p>
Air Quality Management Plan			
14.	<p>The Applicant must prepare an Air Quality Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <p>(a) be submitted to the Secretary for approval within three months of the determination of Modification 1, unless otherwise agree by the Secretary;</p> <p>(b) describe the measures to be implemented to ensure:</p> <ul style="list-style-type: none"><li>• compliance with the air quality criteria and operating conditions of this consent;</li><li>• best practice management is being employed; and</li><li>• the air quality impacts of the development are minimised during adverse meteorological conditions and extraordinary events;</li></ul> <p>(c) describe the proposed air quality management system;</p> <p>(d) include an air quality monitoring program that:</p> <ul style="list-style-type: none"><li>• is capable of evaluating the performance of the development;</li><li>• includes a protocol for determining any exceedances of the relevant conditions of consent;</li><li>• effectively supports the air quality management system; and</li><li>• evaluates and reports on the adequacy of the air quality management system.</li></ul> <p>The Applicant must implement the approved Air Quality Management Plan as approved from time to time by the Secretary.</p>	Compliant	<p>Wallerawang Quarry currently operates under the AQMP 2021 (version 3.0) approved by the Secretary 03/02/21. <b>Recommend including the approval letter from DPIE as an Appendix to the AQMP.</b></p> <p>a) MOD 1 was approved 25/08/17. 2018 IEA sighted email submitting the AQMP to DPIE on 24/11/17, within 3 months of approval.</p> <p>b) AQMP Section 5 contains details on compliance with criteria, AQMP Section 6.4 includes details on best practice management and Table 6.2 describes actions to minimise air quality impacts during adverse meteorological conditions.</p> <p>c) Section 6 of the AQMP describes the air quality management system.</p> <p>d) Section 7 of the AQMP provides details of the air quality monitoring program and shows it is capable for evaluating the performance of the development and effectively supports the air quality management system. Section 8 of the AQMP lists the protocol for determining any exceedances and Section 9 details the reporting and adequacy of monitoring data.</p> <p>During the site inspection, minimal visible dust was being generated by site plant and equipment, with watercarts operating on haul roads, and water available in tanks located adjacent to internal processing areas (see <b>Plate 4</b>).</p>
METEOROLOGICAL MONITORING			
15.	For the life of the development, the Applicant must ensure that there is a suitable meteorological station operating in	Compliant	a) Section 7.2 of the AQMP states that the WQ meteorological station is run in accordance with

Cond	DA 344-11-2001 Condition	Status	Evidence
	close proximity to the site that: (a) complies with the requirements in the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales (DEC, 2007); and (b) is capable of measuring meteorological conditions in accordance with the NSW Noise Policy for Industry (EPA, 2017), unless a suitable alternative is approved by the Secretary following consultation with EPA.		Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales. AI (pers comm) noted that the site weather station was upgraded in late 2020 and was providing calibrated data from February 2021. Viewed automatic weather station calibration quote from ALS dated 18/11/20 and email with report from ALS dated 01/12/20 confirming that calibration was undertaken. b) As per Table 7.1 of the AQMP, the meteorological station is capable of measuring rainfall, air temperature, relative humidity, wind direction, wind speed and sigma theta. The site of the WQ meteorological monitoring station was inspected during the site component of the audit.
SOIL AND WATER			
Water Supply			
16.	The Applicant must 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 available water supply, to the satisfaction of the Secretary.	Compliant	Viewed WQ AR documents for the audit period. No water supplies were purchased in the 2108/19, 2019/20 periods. AI (pers comm) confirmed no purchases during the 2020/21 period to date.  The audit site inspection confirmed that storage cells and dams were in place generally as approved in the EIS, to allow for the reuse of water within the site for processing (see <b>Plate 5</b> to <b>Plate 7</b> ).  WQ holds the following WALs to provide flexibility to obtain water via groundwater or Cox's River if required in a period of drought conditions: <ul style="list-style-type: none"><li>- WAL42930 (Coxs Fractured Groundwater);</li><li>- WAL42390 Coxs Fractured Groundwater) (nil allocation - superseded);</li><li>- WAL41884 (Upper Nepean and Upstream Warragamba Water Source) (nil allocation); and</li><li>- Works Approval for bore (GW) and pump (SW).</li></ul>
Water Discharges			
17.	The Applicant must comply with the discharge limits in any EPL, or with section 120 of the POEO Act.	Compliant	Two discharges from site occurred during the reporting period, from: <ul style="list-style-type: none"><li>- SD1 on 6 April 06/04/20 (referenced in Section 7.2.2 of the 2019/20 AR). Water quality results reported in the AR indicate the discharge water quality was within discharge limits specified in EPL 13172 for all parameters; and</li><li>- SD1 on 24/03/21. Sighted Envirolab data provided by AI dated 31/03/21, which confirmed Total Suspended Solids in exceedance of EPL criteria (see Table 2). AI provided site rainfall data for the day prior to the elevated monitoring result, which exceeded the 5-day 95<sup>th</sup> percentile of ~55mm rain.</li></ul>
Soil and Water Management Plan			
18.	The Applicant must prepare a Soil and Water Management Plan for the development to the satisfaction of the Secretary. This plan must: (a) be prepared by suitably qualified and experienced person/s approved by the Secretary; (b) be prepared in consultation with the EPA, <a href="#">DPIE - Water</a> and WaterNSW; (c) be submitted to the Secretary for approval within three months of the determination of Modification 1 <a href="#">and Modification 3</a> , unless otherwise agreed by the Secretary; and (d) include a:	Compliant	Wallerawang Quarry currently operates under the Soil and Water Management Plan April 2019 approved by the Secretary on 03/04/19. AI (pers comm) noted later version of the SWMP was in preparation at the time of audit [and subsequently approved 16/06/21]. <b>Recommend including the approval letter from DPIE as an Appendix to the SWMP.</b> <ul style="list-style-type: none"><li>a) Alex Irwin from RW Corkery was approved to prepare the SWMP by the Secretary in a letter from DPE dated 21/12/2017, included in Appendix 1 of the SWMP.</li><li>b) The SWMP was prepared in consultation with the EPA, DPI Water and WaterNSW. (Appendix 2)</li><li>c) The 2018 IEA sighted an email dated 24/11/2017 from RW Corkery submitting the SWMP to DPIE. MOD 1 was approved 25/8/17, which is within 3 months. MOD3 was approved 26/2/20. DPIE provided review comments on MOD3 SWMP on 22/12/20 and DPIE-NRAR provided comment on 08/02/21.</li></ul>
	I. Site Water Balance that includes: <ul style="list-style-type: none"><li>• details of:<ul style="list-style-type: none"><li>a. sources and security of water supply;</li></ul></li></ul>	Compliant	Site Water Balance (SWMP Section 7.3): <ul style="list-style-type: none"><li>c) Section 7.1 describes the security of water through the life of mine.</li><li>d) Section 7.2 describes water use and Section 9 describes the management on site.</li></ul>

Cond	DA 344-11-2001 Condition	Status	Evidence
	b. water use and management on site; c. any off-site water transfers; and d. reporting procedures; and • measures to be implemented to minimise clean water use on site;		e) AI (pers comm) confirmed no off site transfers. f) Section 12 describes reporting procedures.  Appendix 3 of the SWMP contains the erosion and sediment control plan which provides measures to be implemented to minimise clean water use on site. Sediment dams, drains and settling cells were inspected during the audit period and found to be generally well maintained and sited in accordance with the EIS concept layout plans.
	II. Surface Water Management Plan, that includes: • a program for obtaining 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: a. clean water diversion system; b. erosion and sediment controls; c. dirty water management system; and d. water storages; and • a program to monitor and report on: a. any surface water discharges; b. the effectiveness of the water management system, c. the quality of water discharged from the site to the environment; d. surface water flows and quality in local watercourses;	Compliant	Surface Water Management Plan (Section 7.3 of the SWMP) - Section 10.2.1 and 10.3.1 provides details on the monitoring locations and sampling frequency of the surface water monitoring. Section 10.7 describes the reporting of this monitoring - Section 6 (including Appendix 3) describes the surface water management system. a) Section 9.2 describes the clean water diversion system b) Section 9.3 describes the erosion and sediment controls c) Section 8 describes the dirty water management system d) Section 5.2 provides details on the water storage at the Quarry - Section 10 describes the water monitoring system on site as well as the reporting requirements. - a) Section 10.2.1 states monitoring is undertaken at SD 1 SB 2 and upstream and downstream of the Quarry at Coxs River - b) Section 10.4.1 provides details of the monitoring criteria and that it must comply with Section - c) As per (a) above monitoring completed upstream and downstream of the discharge point, and reporting against criteria in Table 10.4 alerts to the quality of water that is discharged - d) As per above.
	III. Groundwater Management Plan that includes: • a provision that requires the Applicant to obtain appropriate water licence(s) to cover the volume of any unforeseen groundwater inflows into the quarry from the quarry face or floor; and • a monitoring program to manage potential impacts, if any, on any alluvium and associated surface water source near the proposed extraction area that includes: a. identification of a methodology for determining threshold water level criteria; b. contingency measures in the event of a breach of thresholds; and c. a program to regularly report on monitoring.  The Applicant must implement the approved Soil and Water Management Plan as approved from time to time by the Secretary.	Compliant	Groundwater Management Plan - Section 3.3 provides for a provision that requires the Applicant to obtain appropriate water licence(s) to cover the volume of any unforeseen groundwater inflows into the quarry from the quarry face or floor. - Section 10.2.2, 10.3.2 and 10.4.2 provides an overview of the groundwater monitoring system and required criteria. a) Section 10.4.2 provides information on how the groundwater level was determined. b) Section 11.2.4 provides contingency measures in the case of a breach of threshold. c) Section 10.6.2 and 12.2 describes the program to regularly report on monitoring.  AI (pers comm) noted as a commitment in the MOD3 SEE had not been undertaken, as the two groundwater bores (GW111587 and GW801271) in the vicinity of the WQ site were outside of predicted drawdown influence due to quarry operations. These bores will continue to be monitored, in accordance with the SWMP.
<b>TRAFFIC AND TRANSPORT</b>			
<b>Monitoring of Coal Transport</b>			
19.	The Applicant must keep accurate records of all laden truck movements to and from the site and publish a summary of records on its website every 6 months.	Compliant	Six-monthly records of laden truck movements during the audit period to 2021 were available on the WQ website. Viewed record of 2,139 truck movements during from 01/01/21 to 23/04/21.
<b>Operating Conditions</b>			a)
20.	The Applicant must: a. ensure that all laden trucks entering or exiting the site have their loads covered, with the exception of loads consisting solely of boulders greater than one tonne in weight; b. ensure that all laden trucks exiting the site are cleaned of material that may fall from vehicles, before leaving the site; and	Compliant	b) Site inspection confirmed that laden trucks exiting site had their loads covered when leaving site. c) Site inspection confirmed that the wheel wash remains in place to clean trucks prior to leaving site. d) Site inspection noted that clear signage was not displayed on all trucks leaving site. Deemed compliant by 2018 IEA as the condition to displate signage cannot be formally enforced by WQ for external operators accessing site.

Cond	DA 344-11-2001 Condition	Status	Evidence
	c. use its best endeavours to ensure that appropriate signage is displayed on all trucks used to transport product from the development so they can be easily identified by road users.		
Protection of Aboriginal Heritage			
21.	The Applicant must ensure that the development does not cause any direct or indirect impact on any identified heritage item located outside the approved disturbance area, beyond those predicted in the document/s listed in condition 2(c) of Schedule 2.	Compliant	Section 5.6 of the ACHMP states any proposed works outside the current approval area resulting in vegetation clearing or ground surface disturbance will require heritage assessment involving a suitably qualified archaeologist and RAPs (if required).  AI (pers comms) confirmed one area approved under MOD3 was salvaged during the audit period. Viewed 'Aboriginal Cultural Heritage Salvage Report, Wallerawang Quarry Modification 3' prepared by Ozark (April 2021). The report documents the salvage of site 45-1-2802 (WQ1) approved under MOD3, and in accordance with the ACHMP procedures (refer Schedule 3, Condition 23C).
22.	If suspected human remains are discovered on site, then all work surrounding the area must cease, and the area must be secured. The Applicant must immediately notify NSW Police and BCD, and work must not recommence in the area until authorised by NSW Police and BCD.	Not triggered	No suspected human remains discovered on site during the audit period (AI per comms)
23.	If any previously unknown Aboriginal object or Aboriginal place is discovered on the site: (a) all work in the immediate vicinity of the object or place must cease immediately; (b) a 10 metre buffer area around the object or place must be cordoned off; and (c) BCD must be contacted immediately.	Not Triggered	No previously unknown objects or place were discovered on site during the audit period (AI per comms)
23A.	Work in the immediate vicinity may only recommence if: a) the potential Aboriginal object or Aboriginal place is confirmed by BCD upon consultation with the Registered Aboriginal Parties not to be an Aboriginal object or Aboriginal Place; or (b) the Aboriginal Cultural Heritage Management Plan required by condition 23C is revised to include the Aboriginal object or Aboriginal place and appropriate measures in respect of it, to the satisfaction of the Secretary; or (c) the Secretary is satisfied as to the measures to be implemented in respect of the Aboriginal object or Aboriginal place and makes a written direction in that regard. (	Not Triggered	As per Schedule 3, Condition 23.
23B.	The Applicant must ensure that all known Aboriginal objects or Aboriginal places on the site and within any offset areas are properly recorded, and those records are kept up to date, in the AHIMS Register.	Compliant	One known Aboriginal Site is located within the site boundary, recorded in AHIMS as site #45-1-2802 (WQ site reference: WQ1). This site was salvaged during the audit period (see Schedule 3, Condition 21).
Aboriginal Cultural Heritage Management Plan			
23C.	The Applicant must prepare an Aboriginal Cultural Heritage Management Plan for the development to the satisfaction of the Secretary. This plan must: (a) be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Secretary; (b) be prepared in consultation with BCD and Registered Aboriginal Parties; (c) describe the measures to be implemented on the site or within any offset area to: (i) comply with the heritage-related operating conditions of this consent; (ii) ensure all workers receive suitable Aboriginal cultural heritage inductions prior to carrying out any activities which may cause impacts to Aboriginal objects or Aboriginal places, and that suitable records are kept of these inductions; (iii) protect, monitor and manage identified Aboriginal objects and Aboriginal places (including any proposed archaeological investigations of potential subsurface objects and salvage of objects within the approved disturbance area) in accordance with the commitments made in the document/s listed in condition 2Error! Reference source not found. of Schedule 2;	Not compliant	Wallerawang Quarry currently operates under the Aboriginal and Cultural Heritage Management Plan (ACHMP) Feb 2020 (version 2.3a) approved by the Secretary 19/08/21. <b>Recommend including the approval letter from DPIE as an Appendix to the ACHMP.</b>  a) Appendix 1 of the ACHMP provides details of the author (OzArk). <b><u>DPIE endorsement of OzArk as a suitable party to prepare the AHCMP could not be verified at the time of audit, however it is noted that the ACHMP was approved by DPIE. It is recommended that WQ seek formal DPIE endorsement of OzArk at the next revision of the ACHMP.</u></b>  b) ACHMP has been prepared by OzArk in consultation with RAPs (Appendix 2), BCD (Appendix 3) and DPIE.  c) Section 2.1 shows compliance with consent conditions.  Section 5.2 provides for inductions regarding Aboriginal cultural heritage to all staff.  Section 5.3 allows for the protection, monitoring and managing of identified Aboriginal sites and places.  Section 5.6 allows for the protection of Aboriginal sites and places outside the approved



Cond	DA 344-11-2001 Condition	Status	Evidence														
	<p>(iv) protect Aboriginal objects and Aboriginal places located outside the approved disturbance area from impacts of the development;</p> <p>(v) manage the discovery of suspected human remains and any new Aboriginal objects or Aboriginal places, including provisions for burials, over the life of the development;</p> <p>(vi) maintain and manage reasonable access for relevant Aboriginal stakeholders to Aboriginal objects and Aboriginal places (outside of the approved disturbance area); and</p> <p>(vii) facilitate ongoing consultation and involvement of Registered Aboriginal Parties in the conservation and management of Aboriginal cultural heritage on the site;</p> <p>(d) include a strategy for the care, control and storage of Aboriginal objects salvaged on site, in particular AHIMS Site #45-1-2802, both during the life of the development and in the long-term.</p>		<p>disturbance area.</p> <p>Sections 5.4 and 5.5 provides for the management of potential discovery of human remains or new Aboriginal objects.</p> <p>Section 5.6 allows for the management of access for Aboriginal stakeholders to Aboriginal sites or places outside approved disturbance area.</p> <p>Section 3.1 allows for the ongoing consultation and involvement of RAPs.</p> <p>d) Section 5.3.2 provides details on the care, control and storage of artefacts salvaged on site.</p> <p>Salvage of AHIMS Site #45-1-2802 was completed during the audit period (viewed completed 'Aboriginal Site Impact Recording Form' (ASIRF) completed on 22/01/21 and OzArk email to WQ dated 22/01/21). OzArk (2021) also note that the artefacts salvaged from site 45-1-2802 were reburied in accordance with Section 5.3.2 of the ACHMP following approval of the ASIRF by BCD.</p> <p>OzArk (2021) confirmed the reburial took place following the salvage on 20 January 2021. A site card was submitted to the AHIMS registrar for the reburial location. The AHIMS ID registered for the reburial location is 45-1-2826.</p>														
23D.	The Applicant must not commence any ground disturbance associated with Modification 3 until the Aboriginal Cultural Heritage Management Plan is approved by the Secretary.	Compliant	The ACHMP was approved in February 2020, prior to MOD 3 disturbance, which began on 02/06/20 (AI, pers comm).														
23E.	The Applicant must implement the Aboriginal Cultural Heritage Management Plan approved by the Secretary.	Compliant	See Schedule 3, Conditions 21 – 21D above.														
BIODIVERSITY AND REHABILITATION																	
Biodiversity Offset Strategy																	
24.	<p>By 28 February 2018, the Applicant must provide a Biodiversity Offset Strategy in accordance with the Framework for Biodiversity Assessment - NSW Biodiversity Offsets Policy for Major Projects, for the retirement of ecosystem and species credits as set out in Table 5, to the satisfaction of the Secretary and BCD.</p> <table><tr><th colspan="2">Table 5: Biodiversity credits to be retired</th></tr><tr><th>Credit type</th><th>Number of Credits</th></tr><tr><td colspan="2">Ecosystem Credits</td></tr><tr><td>PCT 732 – Broad-leaved Peppermint - Ribbon Gum grassy open forest in the north east of the South Eastern Highlands Bioregion</td><td>120</td></tr><tr><td>PCT 1093 – Red Stringybark – Brittle Gum – Inland Scribbly Gum dry open forest of the tablelands, South Eastern Highlands Bioregion</td><td>34</td></tr><tr><td colspan="2">Species Credits</td></tr><tr><td>Purple Copper Butterfly</td><td>184</td></tr></table>	Table 5: Biodiversity credits to be retired		Credit type	Number of Credits	Ecosystem Credits		PCT 732 – Broad-leaved Peppermint - Ribbon Gum grassy open forest in the north east of the South Eastern Highlands Bioregion	120	PCT 1093 – Red Stringybark – Brittle Gum – Inland Scribbly Gum dry open forest of the tablelands, South Eastern Highlands Bioregion	34	Species Credits		Purple Copper Butterfly	184	Compliant	<p>WQ required the development a BOS for the retirement of ecosystem and species credits generated by the disturbance to 2.4 ha of native vegetation associated with MOD1. The 2018 IEA sited the Interim BOS which was submitted on 27/2/18 and DPIE letter dated 28/2/18 which confirmed they considered the Interim BOS satisfied this condition.</p> <p>Viewed confirmation by BCD as to the biodiversity credits to be retired on 14 June 2018 (Appendix 2 of BDMP).</p> <p>Section 1 of the BOS states it was developed in accordance with the required framework.</p>
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Species Credits																	
Purple Copper Butterfly	184																
Security of Offsets																	
25.	<p>By 31 December 2018, unless otherwise agreed with the Secretary, the Applicant must make suitable arrangements to provide appropriate long-term security for the Biodiversity Offset Strategy, to the satisfaction of the Secretary. Any mechanism must remain in force in perpetuity.</p> <p><i>Note: Mechanisms to provide appropriate long-term security to the land within the Biodiversity Offset Strategy in accordance with the NSW Biodiversity Offset Policy for Major Projects 2014.</i></p>	Not compliant	<p>A Final BOS was submitted on 13/07/18 to DPIE. Viewed DPIE letter approving the BOS, dated 08/04/19.</p> <p>Viewed 'Statement Confirming Payment into the Biodiversity Conservation Fund for an offset obligation' for Walker Quarries Pty Limited from BCT, dated 26/05/20, <b>which is outside of the date required under the condition to provide long-term security arrangements for the BOS. It is recommended that WQ seek DPIE approval for the long-term security arrangements confirmed for the BOS in 2020.</b></p>														
Biodiversity Management Plan																	
26.	<p>The Applicant must prepare a Biodiversity Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <p>(a) be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the Secretary;</p> <p>(b) be prepared in consultation with BCD;</p> <p>(c) be submitted to the Secretary within three months of providing a satisfactory Biodiversity Offset Strategy or by 31</p>	Compliant	<p>The Wallerawang Quarry operates under a Biodiversity Management Plan (BDMP) (dated September, 2020) was approved by the Secretary 08/04/19. <b>Recommend including the approval letter from DPIE as an Appendix to the BDMP.</b></p> <p>a) Letter from DPIE dated 28/5/20 approved the suitability of Alex Walker to prepare the BDMP (Appendix 1).</p> <p>b) Letter from BCD dated 21/5/20 providing the Quarry with comments to address (Appendix 2), Further letter from BCD dated 7/9/20 reviewing the updated BMP addressing their previous</p>														

Cond	DA 344-11-2001 Condition	Status	Evidence
	<p>March 2018, whichever is earlier;</p> <p>(d) describe the short, medium, and long-term measures to be undertaken to manage the remnant vegetation and fauna habitat on the site</p> <p>(e) include a detailed description of the measures described in paragraph (d) to be implemented over the next 3 years (to be updated for each 3-year period following initial approval of the plan) including the procedures to be implemented for:</p> <ul style="list-style-type: none"><li>• maximising the salvage of environmental resources within the approved disturbance area, including tree hollows, vegetative and soil resources, for beneficial reuse in the enhancement of any biodiversity offset areas or site rehabilitation;</li><li>• restoring and enhancing the quality of native vegetation and fauna habitat in any biodiversity offset and rehabilitation areas through assisted natural regeneration, targeted vegetation establishment and the introduction of fauna habitat features;</li><li>• protecting vegetation and fauna habitat outside the approved disturbance area on-site;</li><li>• minimising the impacts on native fauna, including undertaking pre-clearance surveys;</li><li>• ensuring minimal environmental consequences for threatened species, populations and habitats, including the Purple Copper Butterfly;</li><li>• collecting and propagating seed;</li><li>• controlling weeds and feral pests;</li><li>• controlling erosion; and</li><li>• managing bushfire risk;</li></ul> <p>(f) include a program to monitor and report on the effectiveness of these measures, and progress against the performance and completion criteria;</p> <p>(g) identify the potential risks to the successful implementation of the Biodiversity Offset Strategy, and include a description of the contingency measures to be implemented to mitigate these risks; and</p> <p>(h) include details of who is responsible for monitoring, reviewing, and implementing the plan.</p> <p>The Applicant must implement the Biodiversity Management Plan as approved from time to time by the Secretary.</p>		<p>comments (Appendix 2). Table 1.4 and 1.5 of the BDMP how all comments have been addressed.</p> <p>c) 2018 IEA viewed letter from DPIE dated 28/2/18 confirming DPIE agree to the submission of the BDMP within 3 months of providing the final BOS.</p> <p>d) Section 4 provides measures (short, medium and long term measures to be undertaken to manage vegetation and habitat. Section 4.1 defines short term as activities with a duration between 18 months and 2 years, medium term is activities which require a longer term duration but has an end point and long term includes ongoing or repeat activities.</p> <p>e) Section 4.5 describes measures to maximise salvage of resources. Section 4.5 and 4.6 describes measures to restore and enhance native vegetation in both rehabilitation and offset areas. Section 4.4 and 5.2 describes measures to protect vegetation and habitat outside the approved disturbance area. Section 4.4.1 describes measures for vegetation clearing. Section 4.9 describes measures to support threatened species including the Purple Copper Butterfly Section 4.6 describes measures on collecting and propagating seed. Section 4.7 describes measures on controlling weeds and pests. Section 4.2, 4.4 and 4.8 describes measures on controlling erosion. A site inspection was completed by Resources Regulator on 12/3/19 which requested the Quarry to address matters on ongoing sediment and erosion control and weed management. The site inspection found that Sediment dams, drains and settling cells were inspected during the audit period and found to be generally well maintained and sited in accordance with the EIS concept layout plans.. Section 4.10 described measures on managing bushfire risk. Sighted copies of ecological pre-clearance survey reports completed by EcoPlanning in 02/11/18, 02/06/20 and 26/04/21. The pre-clearing reports that were reviewed provide document assessments generally in accordance with BDMP procedures and provide management requirements for WQ to implement prior to and during the clearing areas assessed. The area subject to the April 2021 EcoPlanning report was reviewed during the site inspection and habitat resourced had been marked in the field (see <b>Plate 8</b>).</p> <p>f) Section 6 includes a program to monitor and report on WQs effectiveness in monitoring and minimising potential impacts under the BDMP.</p> <p>g) Section 7 lists the potential risks to the implementation of the BOS and includes contingency measures to mitigate these risks.</p> <p>h) Section 10 lists the responsible parties for monitoring, reviewing and implementing the BDMP.</p> <p>Viewed Biodiversity Monitoring Reports completed by EcoPlanning for 2018 (survey completed 23/10/18), 2019 (survey completed on 18/10/19 and 30/10/19) and 2020 (survey completed 29 - 30/10/20) and is designed to assess the adequacy of the ecological management strategies and document monitoring surveys for the Purple Copper Butterfly. No large-scale disturbance to vegetation or soils which were attributable to the quarry operations were detected within the areas surrounding WQ operations by EcoPlanning. No observable or significant trends in the occurrence of specific threatened species or quality / quantity of available habitat were identified.</p> <p>Several exotic flora species which have potential to invade native vegetation were recorded within the site, including <i>Hypericum perforatum</i>* (St Johns Wort), <i>Pinus radiata</i>* (Radiata Pine) and <i>Rubus fruticosus sp. agg.</i>* (Blackberry) and was recommended to be targeted in a weed control program. <b>It is recommended that WQ record and maintain mapping of areas treated for weeds in each year, to allow for the regular review of weed treatment methods and performance.</b></p>
Conservation Bond			
27.	Within six months of the approval of the Biodiversity Offset Strategy, unless otherwise agreed by the Secretary, the Applicant must lodge a Conservation Bond with the Department to ensure that the Biodiversity Offset Strategy is	Compliant	A Final BOS was submitted on 13/07/18 to DPIE and approved in September 2018. AI (pers comm) confirmed that biodiversity obligations for clearing to date have been retired through payment into the



Cond	DA 344-11-2001 Condition	Status	Evidence												
	<p>implemented in accordance with the performance and completion criteria in the Biodiversity Management Plan. The sum of the bond must be determined by:</p> <p>a) calculating the full cost of implementing the Biodiversity Offset Strategy at third party rates (other than land acquisition costs); and</p> <p>b) employing a suitably qualified, independent and experienced person to verify the calculated costs.</p> <p>The calculation of the Conservation Bond must be submitted to the Department for approval at least 1 month prior to the lodgment of the bond.</p>		Biodiversity Conservation Fund, as described in Section 5.2.4 of the BDMP (see Schedule 3, Condition 25), with initial payments made on 21/11/18 (i.e. within six months of approval of the BOS).												
28.	<p>The Conservation Bond must be reviewed and if required, an updated bond must be lodged with the Department within 3 months following:</p> <p>a) an update or revision to the Biodiversity Management Plan;</p> <p>b) the completion of an Independent Environmental Audit in which recommendations relating to the implementation of the Biodiversity Offset Strategy have been made; or</p> <p>c) in response to a request by the Secretary.</p> <p>If the Biodiversity Offset Strategy is completed generally in accordance with the completion criteria in the Biodiversity Management Plan to the satisfaction of the Secretary, the Secretary will release the bond.</p> <p>If the Biodiversity Offset Strategy is not completed generally in accordance with the completion criteria in the Biodiversity Management Plan, the Secretary will call in all, or part of, the conservation bond, and arrange for the completion of the relevant works.</p>	Not triggered	AI (pers comm) confirmed no requirement under the condition to amend the Conservation Bond since the initial payments made in May 2020 (see Schedule 3, Condition 25).												
Biodiversity Credits Required for Modification 3															
28A.	<p>The Applicant must retire biodiversity credits for Stages A to D of the development approved under Modification 3 (see Figure 2 in Appendix 1) as specified in Table 5A below, prior to commencing vegetation clearing in that Stage. The retirement of credits must be carried out in consultation with BCD and in accordance with the Biodiversity Offsets Scheme of the BC Act, to the satisfaction of the BCT.</p> <p>Table 5A: Biodiversity credit requirements</p> <table><tr><th>Credit Type</th><th>Credits Required</th></tr><tr><td colspan="2">Ecosystem Credits</td></tr><tr><td>Tranche 1 - Credits to be retired for Stage A PCT 1093 – 100 credits PCT 732 – 36 credits</td><td>136</td></tr><tr><td>Tranche 2 - Credits to be retired for Stage B PCT 1093 – 64 credits PCT 732 – 103 credits</td><td>167</td></tr><tr><td>Tranche 3 - Credits to be retired for Stage C PCT 1093 – 52 credits PCT 732 – 75 credits</td><td>127</td></tr><tr><td>Tranche 4 - Credits to be retired for Stage D PCT 1093 – 57 credits</td><td>57</td></tr></table> <p>Note: The stages referenced in Table 5A are shown in Figure 2 in Appendix 1.</p>	Credit Type	Credits Required	Ecosystem Credits		Tranche 1 - Credits to be retired for Stage A PCT 1093 – 100 credits PCT 732 – 36 credits	136	Tranche 2 - Credits to be retired for Stage B PCT 1093 – 64 credits PCT 732 – 103 credits	167	Tranche 3 - Credits to be retired for Stage C PCT 1093 – 52 credits PCT 732 – 75 credits	127	Tranche 4 - Credits to be retired for Stage D PCT 1093 – 57 credits	57	Compliant	<p>Viewed email dated 19/5/20 from BCT confirming receiving an application to make a payment into the Biodiversity Conservation Fund and approving the application listing the total required amount for payment.</p> <p>Viewed ‘Statement Confirming Payment into the Biodiversity Conservation Fund for an offset obligation’ for Walker Quarries Pty Limited from BCT, dated 26/05/20.</p>
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Rehabilitation Objectives															
29.	<p>The Applicant must rehabilitate the site to the satisfaction of RR and the Secretary. This rehabilitation must be generally consistent with the proposed rehabilitation activities described in the documents listed in condition 2 of Schedule 2 (and shown conceptually in the Rehabilitation Plan in Appendix 2), and comply with the objectives in Table 6.</p> <p>Table 6: Rehabilitation Objectives</p> <table><tr><th>Feature</th><th>Objective</th></tr></table>	Feature	Objective	Compliant	<p>AI (pers comm) noted that limited rehabilitation was undertaken during the audit period, as described in AR documents (also see comments on Schedule 3, Conditions 30 and 31 below).</p> <p>Due to the status of the site during the audit period, DPIE and DPIR-RR have not been required to approval final rehabilitation of the site against the objectives of this condition. The audit site inspection found that existing rehabilitation areas were generally developing in accordance with the requirements of this condition, and the approved Mining Operations Plan (MOP). This includes:</p> <p>- Landform: The landform appears stable, with drainage structures in place;</p>										
Feature	Objective														

Cond	DA 344-11-2001 Condition	Status	Evidence								
	<table><tr><td>All areas of the site affected by the development</td><td><ul style="list-style-type: none"><li>Safe</li><li>Hydraulically and geotechnically stable</li><li>Non-polluting</li><li>Fit for the intended <a href="#">post-development</a> land use(s)</li><li>Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and minimising visual impacts when viewed from surrounding land</li></ul></td></tr><tr><td>Surface Infrastructure</td><td><ul style="list-style-type: none"><li>Decommissioned and removed, unless otherwise agreed by the Secretary</li></ul></td></tr><tr><td>Quarry benches and pit floor</td><td><ul style="list-style-type: none"><li>Landscaped and vegetated using native tree and understorey species</li></ul></td></tr><tr><td>Final Void</td><td><ul style="list-style-type: none"><li>Minimise the size, depth and slope of the batters of the final void</li><li>Minimise the drainage catchment of the final void</li></ul></td></tr></table>	All areas of the site affected by the development	<ul style="list-style-type: none"><li>Safe</li><li>Hydraulically and geotechnically stable</li><li>Non-polluting</li><li>Fit for the intended <a href="#">post-development</a> land use(s)</li><li>Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and minimising visual impacts when viewed from surrounding land</li></ul>	Surface Infrastructure	<ul style="list-style-type: none"><li>Decommissioned and removed, unless otherwise agreed by the Secretary</li></ul>	Quarry benches and pit floor	<ul style="list-style-type: none"><li>Landscaped and vegetated using native tree and understorey species</li></ul>	Final Void	<ul style="list-style-type: none"><li>Minimise the size, depth and slope of the batters of the final void</li><li>Minimise the drainage catchment of the final void</li></ul>		<ul style="list-style-type: none"><li>Erosion &amp; Sedimentation: Minimal examples of active erosion observed;</li><li>Species mix and tree densities in existing WSEA rehabilitation were observed to be developing established, towards alignment with surrounding vegetation (see <b>Plate 9</b>).</li></ul>
All areas of the site affected by the development	<ul style="list-style-type: none"><li>Safe</li><li>Hydraulically and geotechnically stable</li><li>Non-polluting</li><li>Fit for the intended <a href="#">post-development</a> land use(s)</li><li>Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and minimising visual impacts when viewed from surrounding land</li></ul>										
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Progressive Rehabilitation											
30.	<p>The Applicant must 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 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.</p> <p><b>Note:</b></p> <ul style="list-style-type: none"><li><i>It is accepted that parts of the site that are progressively rehabilitated may be subject to further re-disturbance in future.</i></li></ul>	Compliant	<p>Viewed audit period AR and MOP documents. Section 2.3.10 of the MOP states ‘Opportunities for progressive rehabilitation during the term of this MOP will be limited as the majority of disturbed areas will either be required for ongoing operations or have been subject to rehabilitation activities already’.</p> <p>The site inspection confirmed rehabilitation is generally progressing well. <b>It is recommended that WQ review the performance of cover on relatively small bare areas of topsoil stockpiles and rehabilitation areas identified. Re-establishment of grass cover and/or infill plantings should be considered in these areas (see Plate 10 and Plate 11).</b></p>								
Rehabilitation Management Plan											
31.	<p>The Applicant must prepare a Rehabilitation Management Plan for the project to the satisfaction of <a href="#">RR</a>. This plan must:</p> <p>(a) be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the Secretary;</p> <p>(b) be prepared in consultation with the Department, <a href="#">DPIE - Water</a>, FCNSW, <a href="#">BCD</a>, <a href="#">WaterNSW</a> and Council;</p> <p>(c) be submitted to <a href="#">RR and the Secretary</a> for approval within three months of the determination of Modification 1, unless the Secretary agrees otherwise, <a href="#">and Modification 3, unless the RR agrees otherwise</a>;</p> <p>(d) be prepared in accordance with any relevant <a href="#">RR</a> Guideline;</p> <p>(e) describe how the rehabilitation of the site would achieve the objectives identified in Table 6 and be integrated with the Biodiversity Offset Strategy described in condition <a href="#">24</a>;</p> <p>(f) include a detailed soil and growing medium balance for the development;</p> <p>(g) include a detailed plan for the reinstatement and review of the proposed rehabilitated woodland areas and fauna habitat, including a protocol for periodic trials to demonstrate that the target vegetation community is being achieved;</p> <p>(h) include detailed performance and completion criteria for evaluating the performance of the rehabilitation of the site, and for triggering remedial action (if necessary);</p> <p>(i) describe the measures to be implemented to ensure compliance with the relevant conditions of this consent, and address all aspects of rehabilitation including <a href="#">closure of the development</a>, final landform (including final voids), final land uses;</p> <p>(j) include procedures for the use of interim stabilisation and temporary vegetation strategies, where reasonable to minimise the area exposed for dust generation;</p> <p>(k) include a program to monitor, independently audit and report on the effectiveness of the measures in paragraph (h) above, and progress against the detailed performance and completion criteria in paragraph (g) above; and</p> <p>(l) build on to the maximum extent practicable and integrate with the other Management Plans required under this consent.</p>	Not compliant	<p>A MOP for the period July 2020 to July 2025 was developed by WQ to address the condition for a Rehabilitation Management Plan.</p> <p>a) Appendix 4 provides a letter dated 28/5/20 from DPIE confirming endorsement of Alex Irwin to complete prepare the MOP</p> <p>b) Section 1.5.2 states the following agencies were emailed on 18/3/20 for review and comment</p> <ul style="list-style-type: none"><li>DPIE-RR</li><li>LCC</li><li>DPIE – Water</li><li>WaterNSW</li><li>Forestry Corporation NSW</li><li>BCD</li></ul> <p>Copies of these emails and correspondence are included in Appendix 5 of the MOP.</p> <p>c) <b><u>Viewed MOP submission to DPIE-RR dated 29/05/20, outside of the 3 months of approval of MOD3</u></b>. It is noted that WQ lodged a request to extend the submission date for the MOP based on a delay on public advertisement of MOD3. However this extension was rejected by DPIE-RR.</p> <p>d) Section 1.1.2 states the document has been developed in accordance with the guideline ESG3: Mining Operations Plan (MOP) Guidelines, September 2013.</p> <p>e) Table 4.2 lists the objectives and how these can be achieved, which includes the BOS (see Schedule 3, Condition 24).</p> <p>f) Section 5.4 provides details on the soil and growing medium balance.</p> <p>g) Section 5, 6, 7 and 8 of the MOP provide a detailed plan for the reinstatement and review of the proposed rehabilitated woodland areas and fauna habitat.</p> <p>h) Section 6 of the MOP includes detailed performance and completion criteria for evaluating the performance of the rehabilitation of the site.</p> <p>i) Table 4.1 includes the measures to be implemented to ensure compliance with the conditions relating of this consent</p> <p>j) Section 2.3 and 7.2 includes procedures for the use of interim stabilisation and temporary</p>								

Cond	DA 344-11-2001 Condition	Status	Evidence
			<p>vegetation strategies,</p> <p>k) Section 8 details rehabilitation monitoring. Section 10 outlines the process for reporting on progress against completion criteria.</p> <p>l) Section 3.2 of the MOP refers to the Management plans required under this consent and their implementation.</p> <p>DPIE and EPA inspected the site on 18/12/18 who noted that some of the erosion and sediment controls on site had deteriorated and needed maintenance. DPIE acknowledged that plans are in place for these to be changed out/repared over the Christmas 2018 period (see Schedule 3 Condition 26).</p> <p>The 2018-19 AR included details that representatives from Resources Regulator completed an inspection of the Quarry Site on 12/03/19. Several observations were made with a request to address matters raised with respect to weed management, ongoing sediment and erosion control and remediation of areas of erosion (see Schedule 3 Condition 26).</p>
<b>VISUAL</b>			
32.	The Applicant must implement all reasonable and feasible measures to minimise the visual and off-site lighting impacts of the development to the satisfaction of the Secretary	Compliant	<p>The 2019/20 AR (Appendix 7) notes that the movement of trucks along the northern perimeter of the extraction area was visible as select fill was extracted from this area. The northern and eastern walls of the extraction area were also noted to have been established such that WQ operations are no longer visible. Tubestock establishment and vegetation establishment on the amenity bund has started to reduce visual impacts. (2019-20 AR Appendix 7)</p> <p>DPIE and EPA conducted a site visit on 18/12/18 and WQ received email correspondence from DPIE stating EPA had raised the visual screen on the bund with DPIE, due to the clearing that had been undertaken around the quarry it is quite visible from the Great Western Highway with DPIE encouraged the Quarry to implement any reasonable and feasible measures to promote growth. (Section 11.2 of the 2018-19 AR)</p> <p>No complaints during the audit period regarding lighting or visual impacts. No comments from DPIE over the reporting on visual bunds during the audit period in the ARs.</p> <p>The audit site inspection found that direct views to the site were generally screened from motorists on the Great Western Highway due to the visual bund (see Schedule 3, Condition 33 below) and the relative height of active operations (see <b>Plate 12</b>). Some limited views of equipment operating at the more highly elevated part of the site are still available at the time of audit.</p>
33.	Prior to utilising the WSEA, the Applicant must construct a visual bund between the north-western boundary of the WSEA and the Great Western Highway, as described in EA (Mod 1). The visual bund must be maintained to the satisfaction of the Secretary.	Compliant	<p>Deemed compliant by 2018 IEA.</p> <p><b>It is recommended that WQ investigate options to complete infill plantings or establish a cover crop on exposed sections of the visual bund (see Plate 12).</b></p>
34.	The Applicant must install bunds at strategic locations around the site and plant additional trees along the boundary of the development site to screen, so far as is reasonable and feasible, the development from external viewers, to the satisfaction of the Secretary	Compliant	As per Schedule 3, Condition 33 above.
<b>WASTE</b>			
35.	<p>The Applicant must:</p> <p>(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;</p> <p>(b) minimise the waste generated by the development;</p> <p>(c) ensure that the waste generated by the development is appropriately stored, handled, and disposed of; and</p> <p>(d) report on waste management and minimisation in the Annual Review, to the satisfaction of the Secretary.</p>	Compliant	<p>Section 2.3.7 of the MOP describes waste management and includes the following categories:</p> <ul style="list-style-type: none"> <li>- General waste (including food scraps) – covered bin or skip</li> <li>- General recyclables – covered bin or skip</li> <li>- Waste oils and greases – placed within bunded tanks in workshop area</li> <li>- Batteries – placed within a covered and marked used battery storage area</li> <li>- Tyres – placed within a marked used tyres storage area</li> <li>- Scrap metal – stored in a specific area in the workshop</li> </ul> <p>a) All wastewater generated via the effluent and ablutions system is collected and disposed of off-site by a licenced contractor. (S6.10 of AR). Viewed examples of receipts in 2018 - 2021 from liquid waste contractors Williams Liquid Waste Services and Cleanaway during the audit period. AI (pers</p>

Cond	DA 344-11-2001 Condition	Status	Evidence
			comm) confirmed no waste issues had been raised by EPA or LCC during the audit period. b) Site inspection confirmed segregated waste bins were available on site to manage waste streams (see <b>Plate 13</b> ). c) General waste placed within skip bins that are serviced monthly by a licenced waste contractor. TH (pers comm) confirmed liquid wastes, principally waste hydrocarbons generated during equipment servicing, are removed by a licenced oil waste contractor when their storage container reaches capacity. d) Waste management on site is described in Section 6.10 of the audit period ARs.
36.	Except as expressly permitted in an EPL, <a href="#">specific resource recovery order or exemption under the Protection of the Environment Operations (Waste) Regulation 2014</a> , the Applicant must not receive waste at the site for storage, treatment, processing, reprocessing or disposal.	Compliant	EPL 13172 (variation last dated 16/11/20) condition L3 states the licensee must not cause, permit or allow any waste to be received at the premises, except wastes that are classified as “General or Specific exempted waste” under Clause 51A of the Protection of the Environment Operations (Waste) Regulation 2005.  2018-2019 AR – Section 6.10 describes waste and does not identify any waste was received on site.  2019-2020 AR – Section 6.10 describes waste and does not identify any waste was received on site.  IA pers comm no waste was received on site in 20/21 period.
LIQUID STORAGE			
37.	The Applicant must ensure that all tanks and similar storage facilities (other than for water) are protected by appropriate bunding or other containment, in accordance with the relevant Australian Standards.	Not compliant	Table 2.3 of the MOP states waste oils and greases would be placed within bunded tank(s) within the workshop area. Where required, smaller, temporary storage containers may be positioned close to work areas, with the contents of those containers transferred to a larger storage tank prior to collection by a licenced contractor. <b><u>Some housekeeping issues with waste oil drums and other containers being stored outside of bunded pallets were observed during the audit site inspection (see Plate 14). It is recommended that WQ put additional containment measures in place to ensure these containers are appropriately stored when not in active use, in accordance with AS1940.</u></b>  Audit site inspection confirmed the main bulk diesel tank on site is self-bunded to Australian Standards (sighted Fuelfix T55 tank specifications provided by PH) (see <b>Plate 15</b> ).
DANGEROUS GOODS			
38.	<a href="#">The Applicant must ensure that the storage, handling and transport of:</a> <a href="#">(a) dangerous goods are done in accordance with the relevant Australian Standards, particularly AS1940 and AS1596, and the Dangerous Goods Code; and</a> <a href="#">(b) explosives are managed in accordance with the requirements of the RR.</a>	Compliant	a) TH (pers comm) confirmed that diesel is the only bulk hazardous material stored on site. This was verified during the site inspection, which found that volumes of other oils are generally stored on pallets within a portable container (see <b>Plate 16</b> ). Spill kits were also found to be available in the refuelling and laydown areas to respond to hydrocarbon spills (see <b>Plate 17</b> ).  b) This condition was added on the approval of MOD 3 in February 2020. Explosives are imported to the Quarry Site on the day of the blast by the blasting contractor (2019-20 AR). AI (pers comm) confirmed this was still WQ site practice.
BUSHFIRE			
39.	The Applicant must:  (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 to the extent practicable if there is a fire in the vicinity of the site.	Compliant	The Bushfire Management Plan (approved by DPIE letter dated 19/08/20) includes:  a) Section 4.1 provides measures to reduce any risk of bushfires on or surrounding the Quarry; and Section 4.2.1 provides measures undertaken at the Quarry to ensure appropriate management of active or bushfires in the local area  b) Section 4.3 states Walker Quarries will assist emergency services to the extent practicable if there is a fire in the vicinity of the Quarry. During the site inspection, it was noted that a watercart was in operation, and adequate water storage and pumping plant was available for initial response to a bushfire event on site (see <b>Plate 18</b> ).
40.	The Applicant must prepare a Bushfire Management Plan for the site, in consultation with FCNSW, to the satisfaction	Compliant	The Bushfire Management Plan (Aug 2020) received feedback from the NSW RFS after initial drafting of the

Cond	DA 344-11-2001 Condition	Status	Evidence
	of the Rural Fire Service.		document in 2017. Email from NSW RFS dated 29 Nov 2017 states they do not endorse bushfire management plans (Appendix 1). Correspondence from DPIE dated 18 December 2017 confirm that WQ had developed the Bushfire Management Plan in consultation with NSW RFS and although no endorsement can be obtained, the condition has been satisfied.  Viewed letter dated 08/04/20 from FCNSW confirming they are satisfied with the updated document (Appendix 1).
SCHEDULE 4 ADDITIONAL PROCEDURES			
NOTIFICATION OF LANDOWNERS			
1.	As soon as practicable, and no longer than 7 days, after obtaining monitoring results showing:  (a) an exceedance of any criteria in Schedule 3, the Applicant must notify the affected landowners in writing of the exceedance, and provide regular monitoring results, at least every 3 months, to each affected landowner until the development is again complying with the relevant criteria; and  (b) an exceedance of any air quality criteria in Schedule 3, the Applicant must 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).	Compliant	One exceedance of noise criteria occurred during audit period (see Schedule 3, Condition 3).  No blasting exceedances of criteria during audit period (see Schedule 3, Condition 10).  One exceedance of air quality criteria in January 2020 for deposited dust. AI (pers comm) noted that this elevated result was attributed to regional bushfires and deemed an extraordinary event by WQ. As such, this event was not reported to surrounding landholders (see Schedule 3, Condition 14).
INDEPENDENT REVIEW			
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 must:  (a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to: <ul style="list-style-type: none"><li>consult with the landowner to determine his/her concerns;</li><li>conduct monitoring to determine whether the development is complying with the relevant criteria in Schedule 3; and</li><li>if the development is not complying with these criteria, then identify measures that could be implemented to ensure compliance with the relevant criteria; and</li></ul> (b) give the Secretary and landowner a copy of the independent review; and  (c) comply with any written requests made by the Secretary to implement any findings of the review.	Not triggered	No request from any privately owned land during the audit period (AI per comms.).
VISUAL IMPACT MITIGATION			
3.	If an owner of privately-owned land considers that the visual impacts of the development at his/her land could be minimised, then he/she may ask the Secretary in writing for a review of the visual impacts of the development on his/her land.  If the Secretary is satisfied that a review is warranted, then within 2 months of the Secretary's decision, the Applicant must:  (a) commission a suitably qualified and experienced person, whose appointment has been approved by the Secretary, to: <ul style="list-style-type: none"><li>consult with the landowner to determine his/her concerns;</li><li>investigate ways to minimise the visual impacts of the development on land; and</li><li>prepare a visual mitigation report detailing the outcomes of the investigation and the proposed mitigation measures.</li></ul> (b) give the Secretary and landowner a copy of the review; and	Not triggered	No request from any privately owned land during the audit period. No record of complaints about visual impacts during the audit period (AI pers comm).

Cond	DA 344-11-2001 Condition	Status	Evidence
	(c) comply with any written requests made by the Secretary to implement any findings of the review.		
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, AUDITING AND REPORTING			
ENVIRONMENTAL MANAGEMENT			
Environmental Management Strategy			
1.	<p>The Applicant must prepare an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must:</p> <p>(a) be submitted to the Secretary for approval prior to the commencement of any development on the site;</p> <p>(b) provide the strategic framework for environmental management of the project;</p> <p>(c) identify the statutory approvals that apply to the project;</p> <p>(d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;</p> <p>(e) describe the procedures that would be implemented to:</p> <ul style="list-style-type: none"><li>keep the local community and relevant agencies informed about the operation and</li><li>environmental performance of the project;</li><li>receive, handle, respond to, and record complaints;</li><li>resolve any disputes that may arise;</li><li>respond to any non-compliance;</li><li>respond to emergencies; and</li></ul> <p>(f) include:</p> <ul style="list-style-type: none"><li>copies of any strategies, plans and programs approved under the conditions of this approval; and</li><li>a clear plan depicting all the monitoring to be carried out in relation to the project.</li></ul> <p>The Applicant must implement any Environmental Management Strategy as approved from time to time by the Secretary.</p>	Compliant	<p>Wallerawang Quarry operates under the Environmental Management Strategy (21/08/20) approved by the Secretary in letter dated 21/08/20.</p> <p><b>Recommend including the approval letter as an Appendix to future versions of the EMS.</b></p> <p>a) 2018 IEA viewed letter from DPIE approved the initial EMS dated 30/1/18.</p> <p>b) Section 3 provides the strategic framework for environmental management.</p> <p>c) Section 5 lists out all the statutory approvals that apply to the development.</p> <p>d) Section 4 describes the roles, responsibilities and accountability of key personnel.</p> <p>e) Includes:</p> <ul style="list-style-type: none"><li>keep the local community and relevant agencies informed about the operation (Section 7.1)</li><li>environmental performance of the project (Section 6)</li><li>receive, handle, respond to, and record complaints (Section 7.2)</li><li>resolve any disputes that may arise (Section 7.2.2)</li><li>respond to any non-compliance (Section 7.3.3)</li><li>respond to emergencies (Section 7.6)</li></ul> <p>f) Section 6.2 lists out the copies of strategies and plans approved under this approval and are available on the Company website.</p> <p>Appendix 2 shows a clear plan showing all monitoring on site.</p> <p>A review of site records and discussions with WQ staff during the site inspection found that the EMS was generally being implemented, as approved.</p>
Evidence of Consultation			
2.	<p>Where conditions of this consent require consultation with an identified party, the Applicant must:</p> <p>(a) consult with the relevant party prior to submitting the subject document; and</p> <p>(b) provide details of the consultation undertaken including:</p> <p>(i) the outcome of that consultation, matters resolved and unresolved; and</p>	Compliant	<p>Management plans requiring consultation have had all relevant correspondence with regulatory agencies and other stakeholders included as an Appendix (see conditions for specific management plans above).</p> <p>A summary table of how comments were addressed by WQ was also included in the Appendix clarifying the outcomes of consultation and anything unresolved.</p>



Cond	DA 344-11-2001 Condition	Status	Evidence
	(ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.		
Management Plan Requirements			
3.	<p>Management plans required under this consent must be prepared in accordance with relevant guidelines, and include:</p> <p>(a) a summary of relevant background or baseline data;</p> <p>(b) details of:</p> <p>    (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions);</p> <p>    (ii) any relevant limits or performance measures and criteria; and</p> <p>    (iii) 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;</p> <p>(c) any relevant commitments or recommendations identified in the document/s listed in condition 2(c) of Schedule 2;</p> <p>(d) a description of the measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria;</p> <p>(e) a program to monitor and report on the:</p> <p>    (i) impacts and environmental performance of the development; and</p> <p>    (ii) effectiveness of the management measures set out pursuant to condition 2(c) of Schedule 2;</p> <p>(f) contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;</p> <p>(g) a program to investigate and implement ways to improve the environmental performance of the development over time;</p> <p>(h) a protocol for managing and reporting any:</p> <p>    (i) incident, non-compliance or exceedance of the impact assessment criteria or performance criteria;</p> <p>    (ii) complaint; or</p> <p>    (iii) failure to comply with statutory requirements;</p> <p>(i) public sources of information and data to assist stakeholders in understanding environmental impacts of the development; and</p> <p>(j) a protocol for periodic review of the plan.</p> <p><i>Note: The Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</i></p>	Compliant	Versions of environmental management plans in place at the time of audit include the required information.
3A.	The Applicant must ensure that management plans prepared for the development are consistent with the conditions of this consent and any EPL issued for the site.	Compliant	The management plans included all relevant SSD and EPL conditions in the statutory requirement sections.
Application of Existing Management Plans			
4.	The Applicant must continue to apply existing approved management plans, strategies or monitoring programs that have most recently been approved under this consent, until the approval of a similar plan, strategy or program under this consent.	Compliant	Noted.
Revision of Strategies, Plans & Programs			a)
5.	<p>Within 3 months of the submission of an:</p> <p>(a) incident report under condition 9 below;</p> <p>(b) Annual Review under condition 11 below;</p> <p>(c) audit report under condition 14 below; and</p>	Not compliant	<p>b) No environmental incidents were reported during the audit period.</p> <p>c) <b><u>Evidence was not available to verify WQ review of plans strategies and programs following submission of relevant AR documents and the 2018 IEA.</u></b></p> <p>d) See Schedule 4, Condition 5(b) above.</p> <p>e) Excepting the Rehabilitation Management Plan (MOP) (submitted 3 days late after a request for an</p>

Cond	DA 344-11-2001 Condition	Status	Evidence
	<p>(d) any modifications to this consent, the Applicant must review the strategies, plans and programs required under this consent, to the satisfaction of the Secretary. The applicant must notify the Department in writing of any such review being undertaken. Where this review leads to revisions in any such document, then within 6 weeks of the review the revised document must be submitted for the approval of the Secretary.</p> <p><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></p>		<p>extension request was denied by DPIE-RR), and all required management plans and strategies were submitted within three months of MOD 3 (Appendix 7 2020 AR). WQ also noted that it only notified of the approval of MOD 3 on 6 March 2020 (9 days after the modification was granted).</p> <p><b>It is recommended that WQ consider adding a column providing the purpose of review/update to management plan document control tables to address this condition. It is also recommended that notification is provided to DPIE on submission of each AR that confirms any management plans scheduled to be revised by WQ.</b></p>
<b>Updating and Staging Strategies, Plans or Programs</b>			
6.	<p>With the approval of the Secretary, the Applicant may:</p> <p>(a) prepare and submit any strategy, plan or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program);</p> <p>(b) combine any strategy, plan or program required by this consent (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and</p> <p>(c) update any strategy, plan or program required by this consent (to ensure the strategies, plans and programs required under the consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).</p>	Not Triggered	Not Triggered (AI per comm).
6A.	If the Secretary agrees, a strategy, plan or program may be staged without addressing particular requirements of the relevant condition of this consent if those requirements are not applicable to a particular stage.	Not Triggered	Not Triggered (IA per comm)
6B.	If the Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.	Not Triggered	Not Triggered (IA per comm)
<b>Adaptive Management</b>			
7.	<p>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&amp;A Act or EP&amp;A Regulation.</p> <p>Where any exceedance of these criteria and/or performance measures has occurred, the Applicant must as soon as becoming aware of any exceedance:</p> <p>(a) take all reasonable and feasible steps to ensure that the exceedance ceases and does not reoccur;</p> <p>(b) consider all reasonable and feasible options for remediation (where relevant);</p> <p>(c) within 14 days of the exceedance occurring, submit a report to the Secretary describing these remediation options and any preferred remediation measures or other course of action; and</p> <p>(d) implement remediation measures as directed by the Secretary;</p> <p>to the satisfaction of the Secretary</p>	Not Triggered	Not Triggered (IA per comm)
<b>Community Consultative Committee</b>			
8.	<p>The Applicant must establish and operate a Community Consultative Committee (CCC) for the development to the satisfaction of the Secretary. The CCC must be operated in general accordance with the Department's Community Consultative Committee Guidelines, 2019 (or later version).</p> <p><i>Notes:</i></p> <ul style="list-style-type: none"> <li>The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Applicant complies with this consent.</li> <li>In accordance with the guidelines, the Committee should comprise an independent chair and appropriate representation from the Applicant, Council and the local community.</li> </ul>	<b>Not compliant</b>	<p>Section 1.5.1 of the MOP states that the CCC meet twice annually.</p> <p>The CCC met on the following occasions during the audit period:</p> <ul style="list-style-type: none"> <li>10 April 2018</li> <li>8 November 2018</li> <li>5 June 2019</li> <li>13 November 2019</li> <li>4 August 2020</li> </ul>



Cond	DA 344-11-2001 Condition	Status	Evidence
			<p>- 1 December 2020</p> <p>The CCC has included an independent chair and a member of the Lithgow Council as per DPIE guidelines. All meeting minutes during the audit period were available on the WQ website.</p> <p><b><u>The 2018-2019 AR noted a non-compliance as at the time of publishing the AR, the meeting minutes from 5 June 2019 meeting was not available on the Company website.</u></b> This has since been rectified and all minutes are currently up to date on the Company website. <b>Recommend that CCC minutes continue to be uploaded to the WQ website following their distribution to the CCC representatives.</b></p>
<b>REPORTING</b>			
<b>Incident Reporting</b>			
9.	The Applicant must immediately notify the Department and any other relevant agencies immediately after it becomes aware of an incident. The notification must be in writing to compliance@planning.nsw.gov.au and identify the development (including the development application number and name) and set out the location and nature of the incident.	Not triggered	Section 11.1 of the audit period ARs confirm no environmental incidents during the period 2018 – 2020. AI (pers comm) no incidents since September 2020.
<b>Non-Compliance Reporting</b>			
10.	<p>Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must be in writing to compliance@planning.nsw.gov.au and identify the development (including the development application number and name), set out the condition of this consent that the development is non-compliant with, why it does not comply and the reasons for the noncompliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.</p> <p><i>Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.</i></p>	Not triggered.	No incidents and non-compliances were recorded during the audit period.
<b>Annual Review</b>			
11.	By the end of September in each year after the commencement of development, or other timeframe agreed by the Secretary, a report must be submitted to the Department reviewing the environmental performance of the development, to the satisfaction of the Secretary. This review must:	Compliant	Viewed WQ correspondence submitting audit period ARs to DPIE.
	(a) describe the development (including any progressive rehabilitation) that was carried out in the previous financial year, and the development that is proposed to be carried out over the current financial year;		2018/19 and 2019/20 ARs- Section 4 describes the development that was carried out in the past calendar year and that is proposed to be carried out over the current calendar year.
	<p>(b) include a comprehensive review of the monitoring results and complaints records of the development over the previous financial year, including a comparison of these results against the:</p> <p>(i) relevant statutory requirements, limits or performance measures/criteria;</p> <p>(ii) requirements of any plan or program required under this consent;</p> <p>(iii) monitoring results of previous years; and (iv) relevant predictions in the documents listed in condition 2(c) of Schedule 2;</p>		2018/19 and 2019/20 ARs-Sections 6 & 7 provide details on monitoring data for the reporting period.
	(c) identify any non-compliance or incident which occurred in the previous financial year, and describe what actions were (or are being) taken to rectify the non-compliance and avoid reoccurrence;		2018/19 and 2019/20 ARs- Section 11 identifies non-compliance over past calendar year, and describes action to be taken to ensure compliance
	<p>(d) evaluate and report on:</p> <p>(i) the effectiveness of the noise and air quality management systems; and</p> <p>(ii) compliance with the performance measures, criteria and operating conditions of this consent;</p>		2018/19 and 2019/20 ARs- Sections 6.4 (Air Quality) and 6.5 (Noise) describes compliance and effectiveness of the management system
	(e) identify any trends in the monitoring data over the life of the development;		2018/19 and 2019/20 ARs-Section 6.4.3 (Air Quality) , 6.4.3 (Blasting), 6.5.3 (Noise) and 7.3.3 (Water) describes any trends over the life of the site
	(f) identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and		2018/19 and 2019/20 ARs- Comparison of actual Project impacts to predictions are found within the Annual Reviews broken up into individual environmental impacts (air quality, noise, blasting, surface water,

Cond	DA 344-11-2001 Condition	Status	Evidence
			groundwater) and rehabilitation objectives are compared with the MOP predictions.
	(g) describe what measures will be implemented over the next financial year to improve the environmental performance of the development.		2018/19 and 2019/20 ARs- Section 12 contains measures for the next reporting year
12.	Copies of the Annual Review must be submitted to Council and made available to the CCC and any interested person upon request.	Not compliant	Unable to verify that a copy of the 2018-19 and 2019-20 AR documents were provided to Lithgow City Council. Annual reviews are available on the company website.
INDEPENDENT ENVIRONMENTAL AUDIT			
13.	Prior to the end of June 2021, and every three years after, unless the Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the development. This audit must: (a) be led by a suitably qualified, experienced and independent auditor whose appointment has been endorsed by the Secretary (b) be conducted by a suitably qualified, experienced and independent team of experts (including any expert in field/s specified by the Secretary) whose appointment has been endorsed by the Secretary; (c) be carried out in consultation with the relevant agencies and CCC; (d) assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent, water licences and mining leases for the development (including any assessment, strategy, plan or program required under these approvals); (e) review the adequacy of any approved strategy, plan or program required under the abovementioned approvals and this consent; (f) recommend appropriate measures or actions to improve the environmental performance of the development and any assessment, strategy, plan or program required under the abovementioned approvals and this consent; and (g) be conducted and reported to the satisfaction of the Secretary.	Compliant	The current IEA satisfies these requirements. The audit period is from 13 April 2018 to 27 April 2021. DW certification satisfies requirements for Environmental Management Systems Auditor. Letter from DPIE re Endorsement of the Independent Environmental Auditor dated 22/04/21. Consultation with relevant agencies shown in Appendix C.
14.	Within 12 weeks of commencing this audit, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary and any other NSW agency that requests it, together with its response to any recommendations contained in the audit report, and a timetable for the implementation of these recommendations as required. The Applicant must implement these recommendations, to the satisfaction of the Secretary.	Compliant	The 2018 IEA commenced 12 April 2018 (2018 IEA Action Plan). Viewed email submitting the 2018 IEA report and Action Plan to DPIE dated 05/07/18, within the 12-week timeframe required under this condition. A response to audit recommendations was provided as an Appendix to the 2018/19 AR.
Monitoring and Environmental Audits			
15.	Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non-compliance notification, compliance report and independent audit. For the purposes of this condition, as set out in the EP&A Act, "monitoring" is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development.	-	Noted
16.	Noise, blast and/or air quality monitoring under this consent may be undertaken at suitable representative monitoring locations instead of at privately-owned residences or other locations listed in Schedule 3, providing that these representative monitoring locations are set out in the respective management plan/s.	Compliant	Blast MP Section 7.2 allows for monitoring to be undertaken on any property within a 2km radius from the blast subject to requests and permissions from the landholder. Noise MP Section 7.2 provides details on why each location has been chosen and its suitability. It also allows for in instance the current monitoring locations are unavailable the closest possible locations will be chosen.
ACCESS TO INFORMATION			
17.	Within 6 months of the date of this consent until the completion of all rehabilitation required under this consent, the Applicant must:	Not compliant	WQ website was reviewed by JBA on 21/04/21. A copy of the environmental assessments prepared for the EIS and three modifications are available.

Cond	DA 344-11-2001 Condition	Status	Evidence
	<p>(a) make the following information and documents (as they are obtained, approved or as otherwise stipulated within the conditions of this consent) publicly available on its website:</p> <ul style="list-style-type: none"><li>(i) the document/s listed in condition 2(c) of Schedule 2;</li><li>(ii) all current statutory approvals for the development;</li><li>(iii) all approved strategies, plans and programs required under the conditions of this consent;</li><li>(iv) the proposed staging plans for the development if the construction, operation or decommissioning of the development if it is to be staged;</li><li>(v) minutes of CCC meetings;</li><li>(vi) regular reporting on the environmental performance of the development in accordance with the reporting requirements in any plans or programs approved under the conditions of this consent;</li><li>(vii) 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;</li><li>(viii) a summary of the current progress of the development;</li><li>(ix) contact details to enquire about the development or to make a complaint;</li><li>(x) a complaints register, updated monthly;</li><li>(xi) the Annual Reviews of the development;</li><li>(xii) audit reports prepared as part of any Independent Environmental Audit of the development and the Applicant's response to the recommendations in any audit report;</li><li>(xiii) any other matters required by the Secretary; and</li></ul> <p>(b) keep such information up to date, to the satisfaction of the Secretary.</p>		<p><b>Environmental Assessment documentation listed in Schedule 2, Condition 2(c) is not available on the WQ website. Recommend updating the link to the current DPIE major projects database for access to approvals documentation from the WQ website.</b> All other publicly required documentation and monitoring data is available on the website.</p>
APPENDIX 3 INCIDENT NOTIFICATION AND REPORTING REQUIREMENTS			
Written Incident Notification Requirements			
1.	A written incident notification addressing the requirements set out below must be emailed to the Department at the following address: <a href="mailto:compliance@planning.nsw.gov.au">compliance@planning.nsw.gov.au</a> within seven days after the Applicant becomes aware of an incident. Notification is required to be given under this condition even if the Applicant fails to give the notification required under condition 9 of Schedule 5 or, having given such notification, subsequently forms the view that an incident has not occurred.	Not Triggered	AI (pers comm) confirmed no incidents occurred during the audit period,
2.	<p>Written notification of an incident must:</p> <ul style="list-style-type: none"><li>(a) identify the development and application number,</li><li>(b) provide details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident);</li><li>(c) identify how the incident was detected;</li><li>(d) identify when the Applicant became aware of the incident;</li><li>(e) identify any actual or potential non-compliance with the conditions of this consent;</li><li>(f) describe what immediate steps were taken in relation to the incident;</li><li>(g) identify further action(s) that will be taken in relation to the incident; and</li><li>(h) identify a project contact for further communication regarding the incident.</li></ul>	Not Triggered	As per Appendix 3, Condition 1 above.
3.	Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Secretary, the Applicant must provide the Secretary and any relevant public authorities (as determined by the Secretary) with a detailed report on the incident addressing all requirements below, and such further reports as may be requested.	Not Triggered	As per Appendix 3, Condition 1 above.
4.	<p>The Incident Report must include:</p> <ul style="list-style-type: none"><li>(a) a summary of the incident;</li></ul>	Not Triggered	As per Appendix 3, Condition 1 above.

Cond	DA 344-11-2001 Condition	Status	Evidence
	(b) outcomes of an incident investigation, including identification of the cause of the incident; (c) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and (d) details of any communication with other stakeholders regarding the incident.		

Table B  
Development Approval 019/18 Conditions

Cond	DA 019/18 Condition	2021 Status	2021 Evidence
SCHEDULE A			
Conditions of Consent (Consent Authority) Please Note: It should be understood that this consent in no way relieves the owner or applicant from any obligation under any covenant affecting the land			
Administrative Conditions			
1.	That the development be carried out in accordance with the application, Statement of Environmental Affects, accompanying information, plans listed in the approval and any further information provided during the process unless otherwise amended by the following conditions.	Compliant	Reviewed Occupation Certificate (see Schedule 2, Condition 8 of DA 344-11-2001 in <b>Table A</b> ) and viewed offices as constructed (see <b>Plate 19</b> ). Review during the site inspection confirmed that the offices were constructed generally in accordance with the plans provided on the design and certification documents.
2.	That the development be carried out in accordance with the application, Statement of Environmental Affects, accompanying information, plans listed in the approval and any further information provided during the process unless otherwise amended by the following conditions.	Compliant	As Condition 1 above
3	That minimal disturbance is caused to the site during construction works and any disturbed areas are to be generally made good and revegetated to the satisfaction of Council prior to the issue of the Occupation Certificate. Any excavated and filled areas are graded and drained and all constructed batters are to be topsoiled, turfed and shall comply with Part 3.1.1, Building Code o0f Australia, Volume 2, 2016. batters exceeding a ratio of 3 horizontal to 1 vertical must be retained with retaining walls prior to occupation.	Compliant	As Condition 1 above
Requirements Prior			
4	A Construction certificate to complete the buildings is required prior to the carrying out of any further building works. This certificate can be issued either by Council as the consent authority or by an accredited certifier.	Compliant	Deemed compliant by 2018 IEA
5	Prior to commencing any construction works, the following provisions of the Environmental Planning and Assessment Act 1979 are to be complied with:  a) a Construction Certificate is to be obtained in accordance with section 81A(2)(b) of the Act, and  b) a Principal Certifying Authority is to be appointed and council is to be notified of the appointment in accordance with Section 81A(2)(b) of the Act and Form 7 of the regulations, and c) Council is to be notified as least two days prior of the intention to commence building works, in accordance with Section 81A(2)(c) of the Act in Form 7 of Schedule 1 of the Regulations.	Compliant	Deemed compliant by 2018 IEA
Sedimentation			
6	To contain soil and sediment on the property, controls are to be implemented prior to clearing of the site vegetation and the commencement of site works. This will include: a) The installation of a sediment fence with returned ends across the low side of the site so that all water flows through. These shall be maintained until all disturbed areas are restored by turfing paving, revegetation.	Compliant	Construction completed prior to the time of audit.  No evidence of erosions and sedimentation issues were observed during the audit site inspection.
Dust Minimisation			
7	Measures shall be implemented to minimise wild erosion and dust nuisance in accordance with the requirements of the manual "Soils and Construction" (2004) (Bluebook).	Not verified	Construction completed prior to the time of audit.
Signage			
8	Prior to the commencement of any works on the land, a sign/s must be erected in a prominent position on the site:  a. Showing the name of the principal contractor (if any) for any building work and a telephone number on which that person can be contacted outside working hours.  b. Stating that unauthorised entry to the work site is prohibited and	Not verified	Construction completed prior to the time of audit.

	c. Showing the name, address and telephone number of the principle certifying authority for the work. The sign/s are to be maintained while the building work, subdivision work or demolition work is being carried out, but must be removed when the work has been completed.		
REQUIREMENTS DURING CONSTRUCTION			
Workers Toilet Facilities			
9	Before work starts, toilet facilities must be provided at the work site before works begin and must be maintained until the works are completed at a ratio of one toilet plus one additional toilet for every 20 persons employed at the site.	Not verified	Construction completed prior to the time of audit.
Waste Disposal			
10	Prior to any building works commencing a suitable Waste Container for the deposit of all building rubbish and litter must be provided and emptied as soon as full at a waste management facility. Building rubbish and litter must be provided and emptied as soon as full at a waste management facility. Building rubbish and litter must be contained on the building site and the work site left clear of waste and debris at the completion of the works.	Not verified	Construction completed prior to the time of audit.
Construction Hours			
11	All work on site shall only occur between the following hours:  Monday to Friday : 7:00am to 6:00pm  Saturday : 8:00am to 1:00pm  Sunday and public holidays : No work	Not verified	Construction completed prior to the time of audit.
Excavations			
12	All excavations and backfilling associated with the approved works must be executed safely and in accordance with appropriate professional standards. All excavations must be properly guarded and protected to prevent them from being dangerous to life or property.	Not verified	Construction completed prior to the time of audit.
PRIOR TO THE ISSUE OF AN OCCUPATION CERTIFICATE			
Occupation Certificate			
13	Prior to the use/occupation of the structure an Occupation Certificate must be issued by the principal Certifying Authority.	Compliant	Viewed Occupation Certificate (see Schedule 2, Condition 8 of DA 344-11-2001 in <b>Table A</b> ).
14	The demountable office buildings shall only be used by the existing staff of the Wallerawang Quarry. No additional staff are to be employed as a result of this development consent.	Compliant	PH (pers comm) confirmed staffing numbers on site are generally consistent with the EIS).
15	The existing sanitary facilities in the existing office building shall be available for use by the occupants of the demountable buildings.	Compliant	Confirmed during audit site inspection.
16	A structural engineer's certificate of adequacy for the demountable buildings shall be submitted to council prior to the issue of an occupation certificate.	Compliant	Viewed Occupation Certificate (see Schedule 2, Condition 8 of DA 344-11-2001 in <b>Table A</b> ).
ADVISORY NOTES			
Building Code of Australia Compliance			
AN1	All building work must be carried out in accordance with the provisions of the Building Code of Australia.	Compliant	Viewed Occupation Certificate (see Schedule 2, Condition 8 of DA 344-11-2001 in <b>Table A</b> ).
Inspection Schedule			
Mandatory Building Inspection Schedule			
AN2	To ensure structural integrity, the maintenance of minimum health standards, the management of the buildings surrounds and the protection of the environment, compliance certificates are to be issued at significant stages throughout the construction period. These stages are:  a) pier holes/pad footings before filling with concrete	Compliant	Viewed notice of appointment of principal certifier BBAC Certifiers dated 29/05/18, and final inspection reports from the project stages identified under this condition.

	<p>a) Reinforcing steel in position and before concrete is poured (slab, footings, lintels, beams, columns, floors, walls and the like)</p> <p>b) Framing when external wall and roof cladding is in place and prior to internal linings.</p> <p>c) Wet area flashing prior to tiling or covering.</p> <p>d) Stormwater drainage between building and discharge point (drainage pipes, soakage pits and the like) prior to covering.</p> <p>e) Completion of the development and sign off to all conditions of the consent including landscaping, prior to occupation and use. At each inspection, erosion and sediment control measures and site management will be inspected.</p> <p>Note: fortyeight (48) hours notice shall be given to Council prior to inspections.</p>		
AN3	<p>Access and facilities for people with a disability must comply with Part D3 and Clause F2.4 of the Building Code of Australia (volume 1) and AS122.1. In this regard, plans to indicate the provision of an accessible car parking space and an accessible sanitary facility should be submitted with the Construction Certificate (CC) Application.</p>	Compliant	Viewed during site visit and confirmed disability access is in place.
AN4	<p>A Section J Energy Efficiency Report from a suitably qualified person should be submitted with the Construction Certificate (CC) Application.</p>	Compliant	Deemed compliant by 2018 IEA.

Table C  
Other Licences & Approvals

Instrument	Status	Comments
ML 1633	Compliant	<p>1) Viewed letters from Walker Quarries dated 20/08/18 providing notification to relevant landholders of the ML 1633 renewal application. Letters were provided to State Forests NSW, Crown Lands NSW and Sitegoal Pty Ltd.</p> <p>2) See response to Schedule 3, Conditions 29, 30 and 31 of DA 344-11-2001 (refer <b>Table A</b>).</p> <p>3) See response to Schedule 3, Conditions 30, 31 of DA 344-11-2001 (refer <b>Table A</b>).</p> <p>4) See response to Schedule 5, Condition 10 of DA 344-11-2001 (refer <b>Table A</b>).</p> <p>5) See response to Schedule 5, Condition 9 DA 344-11-2001 (refer <b>Table A</b>).</p> <p>6) Operations during the reporting period were undertaken to recover maximum mineral resources, progression of mine plan in accordance with MOP, MOD3 SEE (PH, per comms). The site inspection found that operations during the audit period were progressing generally in accordance the EIS and MOD3 SEE.</p> <p>7) Sighted 'Deed of Security Deposit Bond' for ML 1633 executed by the National Australia Bank Limited, as at 09/10/20. The Deed secures funding in accordance with the varied amount requested in Department of Regional NSW correspondence to WQ on 06/08/20.</p> <p>8) No overlapping mining titles held by other parties impacts on ML 1633. Viewed Compensation Agreement (03/07/18) between WQ and the Forestry Corporation (see response to Schedule 2, Condition 17 of DA 344-11-2001 (refer <b>Table A</b>)).</p> <p>Note: Exploration reporting lodged for 2018, 2019 and 2020 was viewed during the audit site inspection.</p> <p>9) Not Triggered. Viewed the Wallerawang Dam Notification Area figure prepared by CEH Survey, dated 24/10/19. No disturbance has occurred within this area (AI per comms).</p>
EL4473	Compliant	<p>1) Exploration work carried out during the 2018 – 2019 reporting period comprised a thorough review and compilation of previous exploration reports and historic geological information relating to EL 4473. Geological reconnaissance along the southern boundary of ML 1633 and into EL 4473 was also undertaken to determine suitable locations for the drilling of water monitoring bores for the Wallerawang Quarry. This reconnaissance work was focussed on finding evidence of fracturing in rock outcrops along an interpreted fault line trending from drill holes WQDD002 and WQDD003 in ML 1633 southwards into EL 4473.</p> <p>Exploration work carried out during the 2019 – 2020 reporting period was focussed on administrative requirements but also included landholder liaison and land access negotiations with Forestry Corporation of NSW.</p> <p>3) See response Schedule 5, Condition 8 of DA 344-11-2001 (refer <b>Table A</b>). Also Viewed 2017/18, 2018/19 and 2019/20 'Annual Exploration Progress Report' documents prepared during the audit period by Rangott Mineral Exploration Pty Ltd, on behalf of WQ. The reports note that exploration activities were not undertaken during the period, however <b>it is recommended that WQ consider the Code in during consultation required for future activities under EL 4473.</b></p> <p>4) Not Triggered. AI (pers comm) confirmed no drilling occurred during the reporting period within the EL.</p> <p>5) Viewed WQ payment report confirming that the required EL security payment had been made.</p> <p>6) PH (pers comm) confirmed not triggered.</p> <p>7) Not Triggered</p> <p>8) Viewed 2017/18, 2018/19 and 2019/20 'Annual Exploration Progress Report' documents prepared during the audit period by Rangott Mineral Exploration Pty Ltd, on behalf of WQ. The report documents note distribution to the DPIE-RR EROL system.</p> <p>9) Not Triggered. No change in control of the EL during the reporting period.</p> <p>10) Not Triggered. No change in control of the EL during the reporting period.</p> <p>11) Not Triggered. AI (pers comm) confirmed no drilling occurred during the reporting period within the EL.</p> <p>12) Not Triggered. As per EL 4472 Condition 11 above.</p> <p>13) Not Triggered . As per EL 4472 Condition 11 above.</p> <p>14) AI (pers comm) confirmed that no prospecting occurred in the Sydney Catchment Authority area during the audit period.</p>
WALs	Compliant	<p>AI (pers comm) noted WAL41884 in place but no allocation was sought under that WAL during the audit period.</p> <p>AI (pers comm) noted WAL42081 has been superseded by 100ML GW licence WAL 42390.</p> <p>AI (pers comm) noted no extraction under WAL 42390 from the GW source during the audit period.</p> <p>Approval 10CA123996 for centrifugal pump to extract water from Cox's River. No allocation is held for the work under WAL41884, so monitoring and recording conditions not triggered. PH (pers comm) confirmed no disturbance occurred during the audit period to develop the approved pumping site.</p> <p>Approval 10CA123169 for groundwater bore location. PH (pers comm) confirmed that the bore was not used for water supply during the audit period.</p>



**APPENDIX C**  
**PLATES FROM SITE INSPECTION**



**Plate 1**  
**Wash Plant & loading area**



**Plate 2**  
**In-pit crushing and screening area plant**



**Plate 3**  
**Product loading at Main Stockpile Area**



**Plate 4**  
**Process water tanks located at in-pit screening area**





**Plate 5**  
**Silt settling cells below Wash Plant**



**Plate 6**  
**Settling cells adjacent Wash Plant area**





**Plate 7**  
**Sediment Dam SD2**



**Plate 8**  
**Example of habitat resources identified in April 2021 pre-clearing surveys**





**Plate 9**  
**View from refueling area towards WSEA rehabilitation**



**Plate 10**  
**Bund adjacent site access road requiring rehabilitation cover**





**Plate 11**  
**Western Stockpile Area access requiring rehabilitation cover maintenance**



**Plate 12**  
**Site Access Intersection with the Great Western Highway (looking due South)**





**Plate 13**  
**Example of segregated waste bins located on site**



**Plate 14**  
**Oil drums located outside of bunded pallet**





**Plate 15**  
**Bulk diesel storage tank and spill response kit**



**Plate 16**  
**View of site storage container for maintenance materials**





**Plate 17**  
**Pumping infrastructure in place adjacent southern sediment dam**



**Plate 18**  
**Site office extension constructed during the audit period under LCC DA 019/18**



**Plate 19**  
**View from WQ site office toward wheel wash for trucks leaving site**

**APPENDIX D**

**STAKEHOLDER ENGAGEMENT**

**CORRESPONDENCE**

Alex Irwin Principal  
Environmental Consultant  
Wallerawang Quarry  
963 Great Western Highway  
Marrangaroo NSW 2790

22/04/2021

Dear Mr Irwin

**Wallerawang Quarry (DA344-11-2001)  
Independent Environmental Auditor Endorsement**

I refer to your request (DA344-11-2001-PA-20) for the Planning Secretary's approval of a suitably qualified and experienced auditor to undertake an Independent Environmental Audit for the Wallerawang Quarry (DA344-11-2001).

The Department has reviewed the nomination and information provided and is satisfied that this auditor is suitably qualified and experienced. Consequently, I can advise that the Planning Secretary approves the appointment of Dorian Walsh to undertake the Independent Environmental Audit.

If you wish to discuss this matter further, please contact Wayne Jones on 6575 3406.

Yours sincerely



Lauren Evans  
A/Director  
Resource Assessments (Coal & Quarries)

As nominee of the Planning Secretary



## Dorian Walsh

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**Subject:** Wallerawang Quarry Independent Environmental Audit - consultation

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**From:** Wayne Jones

**Sent:** Wednesday, 21 April 2021 9:50 AM

**To:** Dorian Walsh

**Cc:** Tamie Gray

**Subject:** RE: Wallerawang Quarry Independent Environmental Audit - consultation

"

**[WARNING]** This email originated from outside of the organisation.

"

Good day Dorian,

Thank you for your email.

Appreciate if the auditor could assess performance of compliance against the implementation of the mitigation measures documented in approved NMP and AQMP.

Cheers Wayne

**Wayne Jones**

**Team Leader - Post Approval**

**Energy, Industry and Compliance | Planning and Assessment**

**Department of Planning, Infrastructure & Environment | GPO Box 3145 | Singleton NSW 2330**

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**Planning &  
Environment**