

Ardmore Park Quarry

Independent Audit Report

Prepared for:
Multiquip Quarries (CEAL Limited)

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January 2019

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1 Executive Summary

An independent audit was conducted at the Ardmore Park Quarry on Monday 19th November 2018 and Tuesday 20th November 2018, to satisfy the requirements of Schedule 5, Condition 6 of Project Approval 07_0155 (Modification 2).

In total, three hundred and thirty-three (333) conditions and/or commitments were assessed as part of the audit. The compliance status is as follows: 218 were compliant, 4 non-compliant, 55 not triggered, 51 noted and 5 duplicate/repeated.

Overall, the site is operating in compliance with the conditions of approval, statement of commitments and associated management plans/programs. Improvements to environmental management have been implemented since the previous audit and improvements to the recording and notification of incidents are being carried out.

2 Introduction

2.1 Background

Ardmore Park Quarry is owned and operated by CEAL Limited, trading as Multiquip Quarries. The quarry is located at 5152 Oallen Ford Road Bungonia, approximately 17km south of Marulan. The quarry was approved in 2009 by the New South Wales (NSW) Minister for Planning for the extraction of up to 400,000 tonnes of washed sand and hard rock material annually. Quarried products are transported via truck, along the primary haulage route following Oallen Ford and Jerrara Roads until the Hume Highway (M31) at Marulan South interchange.

2.2 Audit team

The audit was conducted by Principal Auditor Lahnie Ward, certification number 115414.

2.3 Audit objective

To satisfy the requirements of Schedule 5, Condition 6 of Project Approval 07_0155 (Mod 2) which states:

Within 2 years of the date of the commencement of quarrying operations, and every 3 years thereafter, unless the Director-General directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project. This audit must:

- (a) *be conducted by a suitably qualified, experienced, and independent person(s) whose appointment has been approved by the Director-General;*
- (b) *include consultation with the relevant agencies;*
- (c) *assess the environmental performance of the project, and its effects on the surrounding environment;*
- (d) *assess whether the project is complying with the relevant standards, performance measures and statutory requirements; and*
- (e) *review the adequacy of any strategy/plan/program required under this approval, and, if necessary, recommend measures or actions to improve the environmental performance of the project, and/or any strategy/plan/program required under this approval.*

Note: The person(s) conducting the audit should have expertise in the fields of traffic management, hydrogeology and quarry rehabilitation.

2.4 Audit scope

The following scope of works was undertaken for the audit.

- review of the Project Approval 07_0155 (Mod 2);
- preparation of the audit table, which includes each condition stipulated in the Project Approval 07_0155 (Mod 2), Statement of Commitments (Appendix 2 Consolidated Consent 07_0155 (MOD 2) and Environment Protection Licence 13213 (6 Aug 2018); review of previous audit report prepared by Trevor Brown & Associates (October 2015) and confirmation of what action items have been closed out;
- Email correspondence sent to applicable regulatory agencies to determine areas of concern and or areas they have a specific interest in e.g. cultural heritage, traffic management etc and review of correspondence received from regulatory agencies
- attendance at site – includes opening and closing meetings;
- review of supporting documentation provided to demonstrate compliance e.g. management plans;
- preparation of audit report;
- submission of audit report to client for review and comment; and
- finalisation of audit report.

2.5 Audit period

As per the requirements of Schedule 5, Condition 6, the audit period is between November 2015 to November 2018.

3 Audit Methodology

3.1 Selection and endorsement of audit team

Prior to commencement of the audit, a request was submitted to the Secretary requesting endorsement of the author as the auditor. Correspondence was received confirming endorsement on 3rd October 2018 (refer to **Appendix A – Endorsement of Auditor**).

3.2 Independent audit scope development

Multiquip requested Groundwork Plus provide a proposal to conduct an independent audit of Project Approval 07_0155 (Modification 2) for the Ardmore Park Quarry. A review of the approval conditions was completed by Lahnne Ward (Principal Auditor) and a scope of work (outlined in section 2.4 of this report) was prepared and agreed with the sites Environmental Officer (EO) Alexander Cox.

The Department of Planning and Environment (DP&E) Independent Audit Post Approval Requirements (June 2018) were included in the scope of works and audit documentation (audit table, audit report format). The audit table was prepared in accordance with the above-mentioned document and submitted to the site EO prior to the site visit. Applicable management plans, procedures and or policies referenced throughout the approval was sent to the auditor for review prior to and after the site visit.

The audit assessed the environmental performance of the site against the Project Approval 07_0155 (Mod 2), Statement of Commitments (Appendix 2 Consolidated Consent 07_0155 (MOD 2), Environment Protection Licence 13213 (6 Aug 2018) and applicable management plans/programs.

An opening meeting, which outlined the scope, objective and intent of the audit was held on Monday 19th November 2018 with Alexander Cox and Stephen Wall. A closing meeting, which outlined the audit findings was held on Tuesday 20th November 2018.

3.3 Site interviews

Interviews were conducted with:

- Stephen Wall - Quarry Manager
0418 255 535
Stephen.w@mquarry.com.au
- Alexander Cox - Environmental Officer
0429 378 945
Alexander.c@multiquip.com.au

3.4 Site inspections

A site visit was conducted on Monday 19th November 2018 and Tuesday 20th November 2018.

3.5 Consultation

Consultation (written and verbal) was undertaken with the following regulatory agencies regarding areas of interest prior to the audit being conducted:

- Department of Planning and Environment (P&E);
- Environment Protection Authority (EPA);
- Goulburn Mulwaree Council;
- Department of Primary Industries (DPI);
- Office of Environment and Heritage (OEH);
- Water NSW; and
- Roads and Maritime Services.

Written responses were received from the following:

- Department of Planning and Environment;
- Office of Environment and Heritage; and
- Water NSW.

3.6 Compliance status descriptors

The compliance status of each requirement was determined using the following descriptors:

Status	Description
Compliant	Sufficient verifiable evidence has been collected to demonstrate that all elements of the requirement have been complied with within the scope of the audit
Non-compliant	One or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.
Not triggered	A requirement has an activation or timing trigger that has not been met at the time when the audit was undertaken, therefore an assessment of compliance is not relevant.

4 Audit Findings

4.1 Approval and document

The following approvals were assessed during the audit:

- Project Approval 07_0155 (Mod 2);
- Statement of Commitments (Appendix 2 Consolidated Consent 07_0155 (MOD 2); and
- Environment Protection Licence 13213 (6 Aug 2018).

The following documents were assessed during the audit:

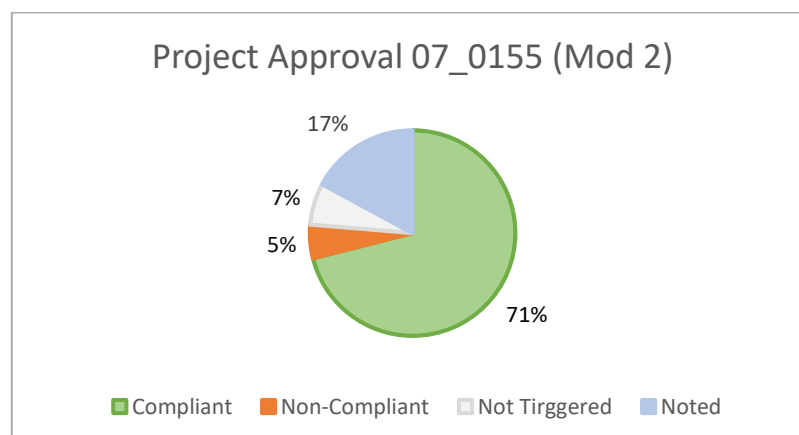
- Previous audit report prepared by Trevor Brown & Associates (October 2015);
- Environmental Management System (August 2011);
- Driver Code of Conduct (dated 9th January 2018);
- Annual Environmental Management Review for the reporting period 2017-2018;
- Environmental Monitoring Program – September 2010;
- Clock in time register between the 1st and 21st November 2018;
- Erosion and Sediment Control Management Plan (September 2017);
- Aboriginal Heritage Management Plan (September 2010);
- Air Quality Monitoring Program (September 2010);
- Landscape Management Plan (September 2010);
- Traffic Management Plan (September 2010);
- Noise Monitoring Program (May 2010);
- Pollution Incident and Response Management Plan (August 2017);
- Water Management Plan (November 2017).

4.2 Compliance assessment summary

In total, three hundred and thirty-three (333) conditions and or commitments were assessed as part of the audit. A summary is provided below of the compliance assessment undertaken within each of the approvals audited. Refer to **Appendix B –Audit Table** for details on evidence provided as part the audit.

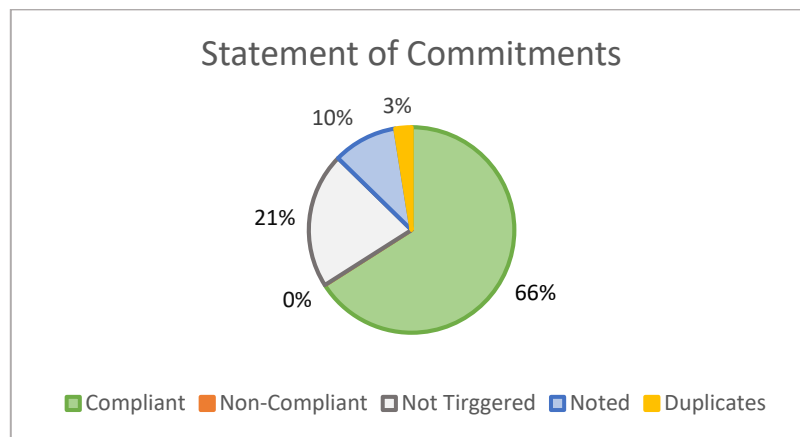
Project Approval

76 conditions were assessed in Project Approval 07_0155 (Mod 2). Of these, 54 were compliant, 4 non-compliant, 5 not triggered and 13 noted.



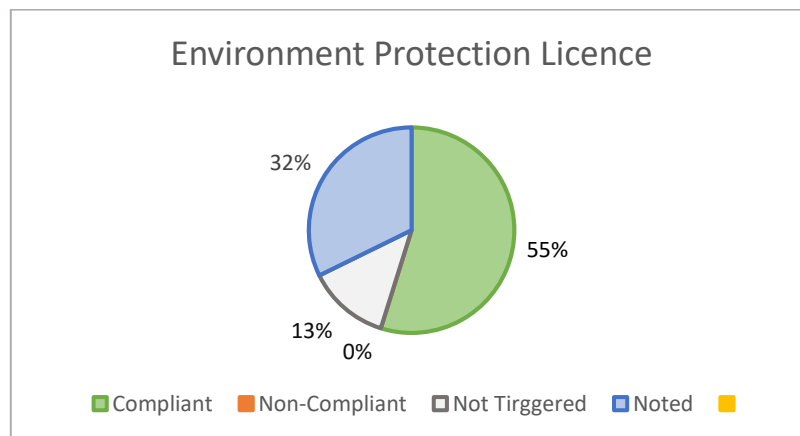
Statement of Commitments

197 conditions were assessed in Statement of Commitments (Appendix 2 Consolidated Consent 07_0155 (Mod 2)). Of these, 130 were compliant, 0 non-compliant, 42 not triggered, 20 noted and 5 duplicate/repeats.



Environment Protection Licence

60 conditions were assessed in Environment Protection Licence 13213 (6 Aug 2018). Of these, 34 were compliant, 0 non-compliant, 8 not triggered and 18 noted.



4.3 Summary of agency notices, orders, penalty notices or prosecutions

A penalty notice was issued by the DP&E on 25 October 2016 in response to a complaint received regarding the supply of road construction materials to Goulburn Mulwaree Council, during maintenance works on Lumley Road. A written response (disputed claim) was submitted by Multiquip Quarries to the DP&E. No further action was taken by the Department.

A show cause notice was issued by the EPA on 15 November 2016 relating to air quality results obtained between September 2015 and July 2016. A written response (disputed claim) was submitted by Multiquip Quarries which suggested air quality impacts at allegedly affected receivers were unlikely to be caused by the works undertaken. No further action was taken by the EPA.

A caution was issued by DP&E (subsequent to the resolution of this issue), for failure to notify an incident relating to the overflow of a bore dam which left the site and entered a neighbouring dam between the 23-25 June 2017. The EPA were notified by the neighbour and the EPA in turn, notified the site who were not aware that an overflow had occurred. A subsequent investigation determined that the bore had been running over a long weekend as an operator failed to

deactivate it. The generator powering the bore has now been fitted with an automatic device which deactivates the pump after 8 hours in order to prevent this from occurring again.

A penalty notice was issued by DP&E on 10 May 2018, relating to the location of a mobile crushing plant whereby a possible breach of Condition 2, Schedule 2, part 7 noise and part 8 of the Statement of Commitments had occurred. A Draft Development Control Order (DCO) was issued (not dated) to Multiquip however a final DCO has not been issued. It is noted that crushing of rock using a mobile plant, has not been undertaken since the penalty notice was issued.

On the 30th August 2018, representatives from the Department of Planning and the Office of Environment and Heritage conducted a site visit with the quarry's Environmental Officer and Quarry Manager as a result of being notified by Multiquip Quarries of a disturbance Multiquip Quarries were concerned had occurred during upgrade works of Jerrara and Oallen Ford Roads (including the Multiquip Bungonia bypass).

Consequently, a show cause notice was issued by DP&E on the 6th September 2018, requesting information with respect to the implementation of the Aboriginal Heritage Management Plan (AHMP). Multiquip Quarries responded to this show cause notice on the 4th October 2018, but at the time of this audit had not received any further correspondence from the Department.

4.4 Previous audit recommendations

An Independent Environmental Audit was conducted in October 2015 by Trevor Brown and Associates. The following table provides details on the recommendations made from this audit and status of completion based on the audit conducted in November 2018.

Table 1 – Previous Audit Recommendations

Condition	Recommendations (Oct 2015 audit)	Comment (Nov 2018 audit)
Project Approval 07_0155 Sch 3, condition 7 (Groundwater Monitoring)	The groundwater bores that have been destroyed, disturbed or not found during the groundwater monitoring campaigns should be re-developed and re-established as soon as practicable to ensure adequate baseline water quality and standing levels is obtained prior to the quarry reaching full extraction rates.	Completed. Where necessary, bores requiring repair and or re-development have been addressed. Bores being monitored are listed in the current Water Management Plan (dated 2 nd Nov 2017) which was approved by the Department of Planning and Environment. The monitoring locations listed in the amendment plan are the same as per the Ardmore Park Water Management Plan dated August 2010.
Project Approval 07_0155 Sch 3, condition 27 (Traffic Management Plan)	It is recommended that consultation and finalisation of the Traffic Management Plan occurs as soon as practicable to ensure that traffic management associated with the 'Ardmore Park' Quarry complies with Project Approval 07_0155 Schedule 3 condition 27.	Completed. The Traffic Management plan prepared by Chris Hallam and Associates (dated August 2011) was finalised and approved by the Department of Planning and Infrastructure on the 9th September 2011.

4.5 Environmental Management Plans, sub-plans and post approval documents

The following documents were reviewed during the audit:

- Environmental Management System (August 2011);
- Environmental Monitoring Program (September 2010);
- Erosion and Sediment Control Management Plan (September 2017);
- Aboriginal Heritage Management Plan (September 2010);
- Air Quality Monitoring Program (September 2010);
- Landscape Management Plan (September 2010);

- Traffic Management Plan (September 2010);
- Noise Monitoring Program (May 2010);
- Pollution Incident and Response Management Plan October 2014 (revised August 2018);
- Water Management Plan (November 2017);
- Bushfire Management Plan (August 2018);
- Annual Environment Management Report 2017/2018 (August).

The above-mentioned plans and programs are being implemented, however, it is recommended that a review of all management plans/programs dated prior to 2017 be undertaken (within 12 months) to ensure they reflect ongoing changes the site will undergo as development progresses.

It should be noted, the Environmental Officer advised that a review of all management plans is currently underway and is expected to be completed in the coming year (2019), in anticipation of a final determination on the proposed Modification 3 application which is currently being considered by the DP&E.

4.6 Projects Environmental Management Strategy

The Environmental Management Strategy (EMS) for the Project was prepared in conjunction with RW Corkery in August 2011. The Department of Planning and Infrastructure approved the EMS on 9th September 2011.

A brief review of the EMS was conducted during the audit and the requirements of the EMS are being implemented. It is recommended that a review of the EMS be undertaken (within 12 months) to ensure the EMS reflects ongoing changes the site will undergo as development progresses.

4.7 Stakeholder Consultation

4.7.1 Regulatory Agencies

Consultation (written and verbal) was undertaken with the following regulatory agencies regarding areas of interest prior to the audit being conducted:

- Department of Planning and Environment;
- Environment Protection Authority
- Goulburn Mulwaree Council
- Department of Primary Industries
- Office of Environment and Heritage
- Water NSW
- Roads and Maritime Services

Written responses were received from the following:

- Department of Planning and Environment;
- Office of Environment and Heritage
- Water NSW

Key areas of interest received in the responses are as follows:

Department of Planning and Environment (P&E)

- Groundwater and surface water monitoring;
- Compliance relating to data collected of water extracted;
- Truck movements (in and out);
- Operation hours (all facets i.e.: extracting/ processing and transport);
- Management of aboriginal/heritage sites;

- Water management on site and associated road upgrades including the Bungonia bypass;
- Erosion and sediment control management on site and associated road upgrades including the Bungonia bypass;
- Dust/noise monitoring;
- Community engagement; and
- Management of complaints i.e. recording of complaints and responding to complaints.

Office of Environment and Heritage (OEH)

- Implementation of the Aboriginal Heritage Management Plan (AHMP); and
- Compliance with conditions relating to the Rehabilitation Management Plan.

The AHMP was submitted to the Department however no formal response was received and therefore, Multiquip Quarries has assumed the OEH are content with the AHMP. In addition, the AHMP is displayed on the company website whereby the public have full access to the Site management plans.

Water NSW

- Water management on site and associated road upgrades including the Bungonia bypass;
- Groundwater and surface water monitoring; and
- Erosion and sediment control management on site and associated road upgrades including the Bungonia bypass.

4.7.2 Community

Multiquip Quarries has established a Community Consultative Committee (CCC) Group whereby meetings are held on average 3 times per year, in the local community town hall. The committee is comprised of seven members of the local community, along with three representatives from Multiquip Quarries and is chaired independently. Attendees are invited to ask questions and open discussions with Quarry personnel. Minutes are taken at each meeting and distributed to those in attendance and posted onto the Multiquip website.

4.8 Complaints

Multiquip has received fifty-one complaints between August 2017 and August 2018 (the previous reporting period) whereby thirty-four related to the Ardmore Park Quarry and seventeen related to the roadworks being undertaken near the quarry.

A summary of the type of complaints received is as follows:

- Noise: 28
- Dust: 1
- Water: 3
- Road transport: 2
- Road upgrade works: 17

Of the twenty-eight noise complaints, twenty-four were from a nearby resident who has additionally raised concerns with a diverse range of environmental matters. Significant progress has been achieved in reducing the noise generated by sand washing activities with the replacement of diesel water pumps with electric plant powered by silenced generators.

Typical complaints relating to the roadworks included damage to fences adjacent to the road corridor and requests to expand driveway widths and improve access to the upgraded road formation. Complaints relating to roadworks effectively ceased following the completion of the road upgrade works in July of 2018.

In addition to the above, a complaint was made to DP&E by a local resident regarding the layout and implementation of the traffic control plan used for works being undertaken on Jerrara Road. Copies of the Traffic Management Plan

and Control plans that were used on the date of complaint, were submitted to the DP&E whereby no further action was taken by the Department.

It should be noted, that a series of electronic inspection and incident forms have been developed and are being trialled prior to implementation.

4.9 Evidence Provided

Refer to **Appendix B –Audit Table** for details on evidence provided as part the audit.

5 Recommendations

5.1 Non- compliances

The non-compliances identified have been addressed by the applicable regulatory authority and actioned accordingly.

5.2 Opportunities for improvement

A review of all management plans and monitoring programs should be undertaken as they are all approximately 7-8 years old and as the site progresses with its development, these plans should be updated to reflect the sites ongoing changes. It should be noted, that the Environmental Officer advised that a review of all management plans is currently underway and is expected to be completed following a determination on the pending Modification 3, expected to be during 2019.

6 Conclusion

Overall, the site is operating in compliance with the conditions of approval, statement of commitments and associated management plans/programs. It was clear to see that significant improvements have been made since the last audit was conducted with the appointment of Alexander Cox as the Environmental Officer who is diligent in implementing the necessary requirements to achieve compliance. In particular, the implementation of a successful environmental monitoring program, with satisfactory reporting of the results of this program to both members of the public and regulators is to be commended.

Refer to **Appendix C - Independent Audit Declaration.**

Appendix A

Endorsement of Auditor



CEAL Limited t/a Multiquip Quarries
260 Tenth Avenue
AUSTRAL NSW 2179

Attention Alex Cox
Environmental Officer - Multiquip Aggregates

E: Alexander.C@multiquip.com.au

Dear Alex

**Ardmore Park Quarry (PA 07_0155)
Independent Environmental Audit**

I refer to your email dated 2 October 2018 seeking the Secretary's endorsement for an auditor to undertake the Independent Environmental Audit (audit) required under Project Approval PA 07_0155 as modified (the approval) for the Ardmore Park Quarry.

Having considered the qualifications and experience of Ms Lahnne Ward, Senior Environmental Consultant from Groundwork Plus, the Secretary endorses the appointment of Ms Ward to undertake the audit in accordance with Condition 6 of Schedule 5 of the approval. This approval is conditional on the auditor being independent of the development.

The audit is to be conducted in accordance with AS/NZS ISO 19011 Australian/New Zealand Standard: Guidelines for quality and/or environmental management systems auditing. It is recommended that the audit is conducted in accordance with the *Independent Audit Post Approval Requirements* document dated June 2018.

The audit report is to:

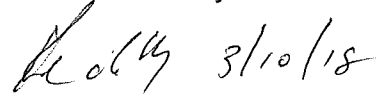
- include a compliance table indicating the compliance status of each condition of the consent and any relevant Environment Protection Licence or other approval;
- include consultation with the relevant agencies;
- not use the term "partial compliance";
- recommend actions in response to non-compliances;
- review the adequacy of plans and programs required under this consent; and
- identify opportunities for improved environmental management and performance.

Within six weeks of completion of the audit in accordance with Condition 7 of Schedule 5 a copy of the audit is to be submitted to the Secretary together with a response to any recommendations contained in the audit report and a timetable to implement the recommendations.

Prior to submitting the audit report to the Secretary, it is recommended that CEAL Pty Ltd review the report to ensure it complies with the relevant consent condition.

Should you wish to discuss this matter please contact myself on the details above.

Yours sincerely

A handwritten signature in black ink, appearing to read 'K O'Reilly 3/10/18', is written over the typed name.

Katrina O'Reilly
Team Leader Compliance
as nominee for the Secretary

Appendix B

Independent Audit Table

Audit Table

Project Approval 07_0155 (MOD 2)

Compliance descriptors for this audit are in accordance with the Department of Planning and Environments Independent Audit Post Approval Requirements, June 2018.

- **Compliant** – Sufficient verifiable evidence has been collected to demonstrate that all elements of the requirement have been complied with and are within the scope of the audit
- **Non-compliant** – One or more specific elements of the conditions or requirements have not been complied with within the scope of the audit
- **Not triggered** – A requirement has an activation or timing trigger that has not been met at the time of the audit being undertaken, therefore an assessment of compliance is not relevant.

Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings and Recommendations	Compliance Status
SCHEDULE 2 - ADMINISTRATIVE				
Obligation to Minimise Harm to the Environment				
1	The Proponent shall implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the project.	Visual site visit conducted.	Conducted a site visit around the quarry and surrounding areas. No visible signs of non-conformances were evident i.e. dust plumes etc. Management plans and monitoring program are in place and are being implemented.	Compliant
Terms of Approval				
2	The Proponent shall carry out the project generally in accordance with the: (a) EA; (b) (a1) EA (Mod 1); (c) (a2) EA (Mod 2); (d) (b) statement of commitments; and (e) (c) conditions of this approval. Notes: The layout of the project is shown in the figure in Appendix 1; and the statement of commitments is included in Appendix 2.	Penalty notice dated 10 May 2018. Penalty notice dated 25 October 2016. Show cause letter dated 15 November 2016 and Response letter from CEAL to EPA dated 15 December 2016	A penalty notice was issued on 10 May 2018 (sighted letter) re: breach of Condition 2, Sch 2, part 7 noise (SoC) and part 8 (SoC) relating to location of mobile crushing plant. Draft Development Control Order was issued (not dated) to Multiquip. Final DCO has not been issued. Crushing of rock has not been undertaken since the penalty notice was issued. Sighted show cause letter issued by the EPA, dated 15 November 2016 re- exceedances in monthly dust monitoring results. Sighted response issued to EPA dated 15 December 2016. A show cause notice was issued by EPA on 15 November 2016 relating to results from Sep 2015-July 2016. Response (disputed claim) submitted	Non- Compliant

			<p>outlining what activities were undertaken during this time and no further action by the EPA.</p> <p>An incident relating to overflow of bore dam from site occurred between 23-25 June 2017. The overflow water entered neighbouring dam. EPA was notified by neighbour and EPA notified site who were not aware that it had occurred. The bore had been running over the weekend as someone on site forgot to turn it off. This bore has now been fitted with a kill switch that deactivates the pump after 8 hours so this doesn't happen again. DP&E gave a caution as they were not notified.</p>	
3	If there is any inconsistency between the above documents, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this approval shall prevail to the extent of any inconsistency	Noted.		
4	The Proponent shall comply with any reasonable requirement/s of the Director-General arising from the Department's assessment of: (a) any reports, plans, programs or correspondence that are submitted in accordance with the conditions of this approval; and (b) the implementation of any actions or measures contained in these reports, plans, programs or correspondence.	Noted.		
Limits on Approval				
5	Extraction and processing operations may take place until 30 July 2039. Note: Under this approval, the Proponent is required to rehabilitate the site to the satisfaction of the Director-General. Consequently, this approval will continue to apply in all other respects other than the right to conduct extraction and processing operations until the site has been rehabilitated to a satisfactory standard.	Noted.		
6	The Proponent shall not transport more than 400,000 tonnes of product a year from the site by road. Note: Truck movements are further restricted under condition 25 of schedule 3.	Extraction Return Form Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted extraction return form and Annual Return which confirms the amount of product transported is less than that stipulated in this condition.	Compliant
Management Plans / Monitoring Programs				
7	With the approval of the Director-General, the Proponent may submit any management plan, program or strategy required by this approval on a progressive basis.	Noted.		
Structural Adequacy				
8	The Proponent shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.	Noted	New storage facility is under construction and is awaiting completion and final building approval from Council.	Not Triggered

	Notes: Under Part 4A of the EP&A Act, the Proponent is required to obtain construction and occupation certificates for the proposed building works; Part 8 of the EP&A Regulation sets out the requirements for the certification of the project.			
Demolition				
9	The Proponent shall ensure that all demolition work is carried out in accordance with AS 2601-2001: The Demolition of Structures, or its latest version.	Not Applicable	No demolition works have occurred.	Not Triggered
Protection of Public Infrastructure				
10	The Proponent shall: (a) repair, or pay all reasonable costs associated with repairing, any public infrastructure that is damaged by the project; and (b) relocate, or pay all reasonable costs associated with relocating, any public infrastructure that needs to be relocated as a result of the project.	No visual evidence could be provided as rectification works are completed and buried under ground. Sighted notification sent to safe work.	A Telstra cable was damaged on 8 th May 2018 by a contractor engaged during works conducted on Jerrara Road. Multiquip were not aware that this cable was live until they received notification from Goulburn Mulwaree Council. Cable was relocated on 9 th May 2018. 2 May 2018 safe work notified of an electricity arced on to excavator from powerline (Oallen Ford Road). No damage to operator or powerline occurred. Notification was a pro-active measure.	Compliant
Operation of Plant and Equipment				
11	The Proponent shall ensure that all plant and equipment used at the site is: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient condition.	Preventative Maintenance Listing	MEX is a computer software program used on site which flags when servicing is required. Pre-start checks are conducted daily, and maintenance information is recorded in MEX. Sighted 'preventative maintenance listing' which contains all the necessary information relating to vehicle servicing schedule and maintenance.	Compliant
Crown Land				
12	The Proponent shall not commence any development authorised by this approval on Crown land without the prior approval of the Department of Lands.	Noted. No works have been undertaken on Crown land.		
Section 94 Contributions				
13	The Proponent shall pay Council a monthly contribution of 4.43 cents per kilometre per tonne of material trucked from the site for the upgrade and maintenance of roads in accordance with Goulburn Mulwaree Section 94 Development Contributions Plan 2009 Amendment No. 2 in force at the date of this approval. The contribution amount shall be adjusted annually to account for the effects of inflation (Consumer Price Index).	Remittance to Goulburn Mulwaree Council dated 21 Nov 2018.	Sighted remittance to Goulburn Mulwaree Council dated 21 Nov 2018.	Compliant

SCHEDULE 3 - ENVIRONMENTAL PERFORMANCE: GENERAL EXTRACTION AND PROCESSING PROVISIONS

Identification of Boundaries				
1	<p>Within 3 months of the date of this approval, or as otherwise agreed by the Director-General, the Proponent shall:</p> <p>(a) engage an independent registered surveyor to survey the boundaries of the approved limit of extraction and the approved ancillary work areas;</p> <p>(b) submit a survey plan of these boundaries to the Director- General; and</p> <p>(c) ensure that these boundaries are clearly marked at all times in a permanent manner that allows operating staff and inspecting officers to clearly identify those limits.</p> <p>Note: The limit of extraction and ancillary areas is shown conceptually on the layout plans in Appendix 1.</p>	<p>Survey plan prepared by Southern Cross Consulting Surveyors dated Nov 2009.</p>	<p>Sighted survey plan prepared by Southern Cross Consulting Surveyors dated Nov 2009.</p> <p>Captured in previous audit conducted in 2015, site layout.</p>	Compliant

ACQUISITION OF AFFECTED PROPERTIES				
Acquisition Upon Request				
1A	<p>Prior to the commencement of any extraction the Proponent shall make a firm and binding offer to acquire Lot 23 DP 1001312 ("Residence 7" in Appendix 3) in accordance with the terms of the agreement, dated 14 July 2008, as amended, between the Proponent and the owners of this property, unless otherwise agreed by the Director-General.</p>	<p>Certificate of Title dated 30/12/2009.</p>	<p>Property has been purchased. Sighted certificate of title dated 30/12/2009 which was prior to commencement of extraction.</p>	Compliant

NOISE
Operational Noise Assessment Criteria

2	<p>The Proponent shall ensure that the noise generated by the project, including the bypass road, does not exceed the noise impact assessment criteria in Table 1 at any residence or on more than 25 per cent of any privately-owned land.</p>	<p>Noted.</p>		
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	<p>Table 1: Noise Impact Assessment Criteria Noise Assessment Location LAeq (15 minute)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Noise Assessment Location LAeq (15 minute)</th> <th style="text-align: left;">Noise Assessment Location LAeq (15 minute)</th> </tr> </thead> <tbody> <tr><td>Residence 1</td><td>35</td></tr> <tr><td>Residence 2</td><td>35</td></tr> <tr><td>Residence 3</td><td>35</td></tr> <tr><td>Residence 4</td><td>35</td></tr> <tr><td>Residence 5</td><td>35</td></tr> <tr><td>Residence 6</td><td>36</td></tr> <tr><td>Residence 8</td><td>35</td></tr> <tr><td>Residence 9</td><td>36</td></tr> <tr><td>Residence R1</td><td>35</td></tr> <tr><td>Residence R2</td><td>35</td></tr> <tr><td>Residence R3</td><td>36</td></tr> <tr><td>Residence R4</td><td>35</td></tr> <tr><td>Residence V1</td><td>38</td></tr> <tr><td>Residence V2</td><td>36</td></tr> </tbody> </table>	Noise Assessment Location LAeq (15 minute)	Noise Assessment Location LAeq (15 minute)	Residence 1	35	Residence 2	35	Residence 3	35	Residence 4	35	Residence 5	35	Residence 6	36	Residence 8	35	Residence 9	36	Residence R1	35	Residence R2	35	Residence R3	36	Residence R4	35	Residence V1	38	Residence V2	36	<p>Noise Monitoring Program prepared by Heggies, dated 13 May 2010.</p> <p>Environmental Assessment prepared by RW Corkery & Co. to support a S75W Modification of PA 07_0155 dated June 2013.</p> <p>Environmental Monitoring Program dated September 2010.</p> <p>Annual Return (for the year 21st August 2017 – 20th August 2018). April noise monitoring report.</p>	<p>A pollution reduction program was added to EPL 13213 by EPA in 2018. This program was prepared incorporating advice from Benbow Environmental.</p> <p>Noise monitoring (attended) was undertaken in April, June, September and December 2018.</p> <p>Monitoring was conducted by Peter Gangemi (Benbow Environmental Consultants).</p> <p>Sighted April monitoring report (this has been uploaded to company website). Noise assessments undertaken indicate compliance with the stated criteria in project approval and EPL have been achieved.</p>	Compliant
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Traffic Noise Impact Assessment Criteria																					
3	<p>The Proponent shall take all reasonable and feasible measures to ensure that the traffic noise generated by the project (after commencement of quarrying operations) does not exceed the traffic noise impact assessment criteria in Table 2.</p> <p>Table 2: Traffic noise criteria dB(A) LAeq (1 hour)</p> <table border="1" data-bbox="224 274 875 456"> <thead> <tr> <th>Roads</th> <th>Day/Evening</th> </tr> </thead> <tbody> <tr> <td>Oallen Ford Road Mountain Ash Road Jerrara Road Tarago Road Windellama Road</td> <td>55 dB(A) LAeq (1 hour)</td> </tr> </tbody> </table> <p>Note: Traffic noise generated by the project is to be measured in accordance with the relevant procedures in the EPA's Environmental Criteria for Road Traffic Noise.</p>	Roads	Day/Evening	Oallen Ford Road Mountain Ash Road Jerrara Road Tarago Road Windellama Road	55 dB(A) LAeq (1 hour)	<p>Traffic Management Plan dated September 2010.</p> <p>Environmental Assessment prepared by RW Corkery & Co. to support a S75W Modification of PA 07_0155 dated June 2013.</p> <p>April noise monitoring report.</p> <p>Driver Code of Conduct updated 9 January 2018.</p>	<p>Noise monitoring (attended) was undertaken in April, June, September and December 2018.</p> <p>Monitoring was conducted by Peter Gangemi (Benbow Environmental Consultants).</p> <p>Sighted Noise Monitoring Program prepared by Heggies, dated 13 May 2010, Environmental Assessment prepared by RW Corkery & Co. to support a S75W Modification of PA 07_0155 dated June 2013, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and April monitoring report (this has been uploaded to company website), driver Code of Conduct updated 9 January 2018.</p>	Compliant													
Roads	Day/Evening																				
Oallen Ford Road Mountain Ash Road Jerrara Road Tarago Road Windellama Road	55 dB(A) LAeq (1 hour)																				
Operating Hours																					
4	<p>The Proponent shall comply with the operating hours in Table 3.</p> <p>Table 3: Operating Hours</p> <table border="1" data-bbox="224 869 748 1238"> <thead> <tr> <th>Activity</th> <th>Day</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Construction Work</td> <td>Monday to Friday</td> <td>7.00am to 6.00pm</td> </tr> <tr> <td>Saturday</td> <td>8.00am to 1.00pm</td> </tr> <tr> <td>Sunday and Public Holidays</td> <td>None</td> </tr> <tr> <td rowspan="3">Quarrying, processing (including overburden removal) and product transportation</td> <td>Monday to Friday</td> <td>7.00am to 6.00pm</td> </tr> <tr> <td>Saturday</td> <td>8.00am to 1.00pm</td> </tr> <tr> <td>Sunday and Public Holidays</td> <td>None</td> </tr> </tbody> </table> <p>Notes:</p> <p>Maintenance activities may be conducted outside the hours in Table 3 provided that the activities are not audible at any privately-owned residence beyond the boundary of the site. This condition does not apply to delivery of material if that delivery is required by police or other authorities for safety reasons, and/or the operation or personnel or equipment are endangered. In such circumstances, notification is to be provided to EPA and the affected residents as soon as possible, or within a reasonable period in the case of emergency.</p>	Activity	Day	Time	Construction Work	Monday to Friday	7.00am to 6.00pm	Saturday	8.00am to 1.00pm	Sunday and Public Holidays	None	Quarrying, processing (including overburden removal) and product transportation	Monday to Friday	7.00am to 6.00pm	Saturday	8.00am to 1.00pm	Sunday and Public Holidays	None	<p>Annual Return (for the year 21st August 2017 – 20th August 2018).</p> <p>Driver Code of Conduct updated 9 January 2018.</p>	<p>No construction works are currently being undertaken on site.</p> <p>Quarrying works are not permitted to commence outside the prescribed times. All site personnel sign in and out via an electronic timeclock.</p> <p>Sighted Driver Code of Conduct updated 9 January 2018.</p> <p>Site induction for new site personnel includes operating hours (sighted induction video). All site personnel must complete the induction on a yearly basis. Quarry administration office maintains register of inductions.</p>	Compliant
Activity	Day	Time																			
Construction Work	Monday to Friday	7.00am to 6.00pm																			
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	Sunday and Public Holidays	None																			

Additional Noise Mitigation Measures				
5	The Proponent shall construct the western earth mound and acoustic barrier prior to the commencement of any extraction (apart from overburden extraction for the purpose of constructing the mound) or processing activities to the east of the earth mound and acoustic barrier, unless otherwise agreed by the Director-General.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant

Noise Monitoring				
6	The Proponent shall prepare and implement a Noise Monitoring Program for the project to the satisfaction of the Director-General. This plan must: (a) be prepared in consultation with EPA, and be submitted to the Director-General for approval prior to carrying out any development on site; and (b) include details of how the noise performance of the project would be monitored and include a noise monitoring protocol for evaluating compliance with the relevant noise limits in this approval.	Noise Monitoring Program prepared by Heggies, dated 13 May 2010. Environmental Assessment prepared by RW Corkery & Co. to support a S75W Modification of PA 07_0155 dated June 2013. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Driver Code of Conduct updated 9 January 2018.	Sighted Noise Monitoring Program prepared by Heggies, dated 13 May 2010, Environmental Assessment prepared by RW Corkery & Co. to support a S75W Modification of PA 07_0155 dated June 2013, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and noise assessment report prepared by Benbow Environmental for April 2018 attended noise surveys.	Compliant

AIR QUALITY
Impact Assessment Criteria

7	<p>The Proponent shall ensure that dust generated by the project does not cause exceedances of the criteria listed in Tables 4, 5 and 6 at any residence or on more than 25 per cent of any privately-owned land.</p> <p>Table 4: Long term impact assessment criteria particulate matter</p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th>Criterion</th> </tr> </thead> <tbody> <tr> <td>Total suspended particulate (TSP) matter</td> <td>Annual</td> <td>90 µg/m³</td> </tr> <tr> <td>Particulate matter < 10 µm (PM₁₀)</td> <td>Annual</td> <td>30 µg/m³</td> </tr> </tbody> </table> <p>Table 5: Short term impact assessment criterion particulate matter</p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th>Criterion</th> </tr> </thead> <tbody> <tr> <td>Particulate matter < 10 µm (PM₁₀)</td> <td>24hour</td> <td>50 µg/m³</td> </tr> </tbody> </table> <p>Table 6: Long term impact assessment criteria for deposited dust</p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging period</th> <th>Maximum increase in deposited dust level</th> <th>Maximum total deposited dust level</th> </tr> </thead> <tbody> <tr> <td>Deposited dust</td> <td>Annual</td> <td>2 g/m²/month</td> <td>4 g/m²/month</td> </tr> </tbody> </table> <p>Note: Deposited dust is assessed as insoluble solids as defined by Standards Australia, 1991, AS 3580.10.11991: Methods for Sampling and Analysis of Ambient Air - Determination of Particulates - Deposited Matter - Gravimetric Method.</p>	Pollutant	Averaging Period	Criterion	Total suspended particulate (TSP) matter	Annual	90 µg/m ³	Particulate matter < 10 µm (PM ₁₀)	Annual	30 µg/m ³	Pollutant	Averaging Period	Criterion	Particulate matter < 10 µm (PM ₁₀)	24hour	50 µg/m ³	Pollutant	Averaging period	Maximum increase in deposited dust level	Maximum total deposited dust level	Deposited dust	Annual	2 g/m ² /month	4 g/m ² /month	<p>Air Quality Monitoring Program dated September 2010 Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018).</p>	<p>Monthly dust monitoring is undertaken, results provided in the Annual Return which was reviewed post audit.</p> <p>Sighted Air Quality Monitoring Program dated September 2010, Environmental Monitoring Program dated September 2010 and Annual Return (for the year 21st August 2017 – 20th August 2018).</p> <p>Note: A show cause notice was issued by EPA on 15 November 2016 relating to results from Sep 2015-July 2016. Response (disputed claim) submitted outlining the meteorological conditions on site and the extent of works undertaken during these periods and no further action by the EPA.</p>	Compliant
Pollutant	Averaging Period	Criterion																									
Total suspended particulate (TSP) matter	Annual	90 µg/m ³																									
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Deposited dust	Annual	2 g/m ² /month	4 g/m ² /month																								

Operating Conditions				
8	The Proponent shall ensure any visible air pollution generated by the project is assessed regularly, and that quarrying operations are relocated, modified, and/or stopped as required to minimise air quality impacts on privately owned land.	Visual site inspection conducted November 19 th and 20 th 2018.	No visible air pollution was sighted during the site visit 19 th and 20 th November 2018. Water cart usage increases depending on time of year e.g. summer requires more frequency. Supervisors will also request additional cart usage if necessary. Crushers have a wetting mechanism (hose that connects to water cart) whereby the aggregate can be moistened during dry periods and if dust is being generated.	Compliant
Air Quality Monitoring				
9	The Proponent shall prepare and implement an Air Quality Monitoring Program for the project to the satisfaction of the Director-General. This program shall: (a) be prepared in consultation with EPA, and be submitted to the Director-General for approval prior to carrying out any development on site; (b) include details of how the air quality performance of the project would be monitored, and include a protocol for evaluating compliance with the relevant air quality criteria in this approval.	Air Quality Monitoring Program dated September 2010. Audit Report prepared by Trevor Brown and Associates dated October 2015. Environmental Monitoring Program dated September 2010.	Sighted Air Quality Monitoring Program dated September 2010, Environmental Monitoring Program dated September 2010 and Audit Report dated October 2015. This condition was addressed in the October 2015 audit. The approved Air Quality Monitoring Program has not been amended and is being implemented.	Compliant
Meteorological Monitoring				
10	During the life of the project, the Proponent shall ensure that there is a suitable meteorological station in the vicinity of the site that complies with the requirements in the Approved Methods for Sampling of Air Pollutants in New South Wales guideline.	Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted weather station, Environmental Monitoring Program dated September 2010. and Annual Return. Information from weather station can be downloaded by Environmental Officer at any time. Data is checked weekly. Weather station design and installation by Carbon Based Environmental.	Compliant
WATER Water Supply				
11	The Proponent shall ensure that it has sufficient water for all stages of the project, and if necessary, adjust the scale of operations to match its water supply. Note: The Proponent is required to obtain necessary water licences for the project under the Water Act 1912 and/or Water Management Act 2000	Annual Return (for the year 21st August 2017 – 20th August 2018).	Multiquip Quarries controls three water access licenses. Two are directed at the Goulburn Fractured Hardrock Aquifer, and the third allows limited withdrawal from Bungonia Creek.	Compliant

			<p>Water is withdrawn from a depth of approximately 90m and either directed into a standpipe, to fill the sites water cart or directed via pipes to “top up” the dams associated with sand washing when they become depleted.</p> <p>Water used for operations and dust suppression was obtained under water access license 30111. An additional license (also of the Goulburn fractured rock aquifer) and 25390 (from the Bungonia Creek) were not used.</p>	
Discharges				
12	The Proponent shall not discharge any water from the quarry or its associated operations except in accordance with an EPL.		An incident relating to overflow of bore from site occurred between 23-25 June 2017. The overflow water entered neighbouring dam. EPA was notified by neighbour and EPA notified site who were not aware that it had occurred. Cause was the bore had been running over the weekend as someone on site forgot to turn it off. This bore has now been fitted with a kill switch that deactivates the pump after 8 hours, so this doesn't happen again. DP&E gave a caution as they were not notified.	Non-Compliant
Water Management and Monitoring				
13	<p>The Proponent shall prepare and implement a Water Management Plan for the project to the satisfaction of the Director-General. This plan must:</p> <p>(a) be prepared in consultation with NOW, EPA and SCA, and be submitted to the Director-General for approval prior to carrying out any development on site; and</p> <p>(b) include a:</p> <ul style="list-style-type: none"> • Site Water Balance; • Erosion and Sediment Control Plan; • Surface Water Monitoring Program; • Groundwater Monitoring Program; and • Surface and Groundwater Response Plan. 	<p>Water Management Plan dated November 2017.</p> <p>Environmental Monitoring Program dated September 2010.</p> <p>Annual Return (for the year 21st August 2017 – 20th August 2018).</p> <p>Erosion and Sediment Control Management Plan dated September 2017.</p>	<p>Sighted Water Management Plan dated November 2017,</p> <p>Environmental Monitoring Program dated September 2010,</p> <p>Annual Return (for the year 21st August 2017 – 20th August 2018).</p> <p>and</p> <p>Erosion and Sediment Control Management Plan dated September 2017.</p>	Compliant
14	<p>The Site Water Balance must:</p> <p>(a) include details of: sources and security of water supply; water use on site; water management on site, including the location and capacity of water storages on site and the means of access; off-site water transfers; and reporting procedures; and</p> <p>(b) investigate and describe measures to minimise water use by the project.</p>	<p>Water Management Plan dated November 2017.</p>		Compliant

15	<p>The Erosion and Sediment Control Plan must:</p> <p>(a) be consistent with the requirements of Managing Urban Stormwater: Soils and Construction, Volume 1, 4th Edition, 2004 (Landcom);</p> <p>(b) identify activities that could cause soil erosion and generate sediment;</p> <p>(c) describe measures to minimise soil erosion and the potential for the transport of sediment to downstream waters;</p> <p>(d) principles for the design and construction of waterway crossings along the transport route, in consultation with DPI;</p> <p>(e) describe the location, function, and capacity of erosion and sediment control structures;</p> <p>(f) demonstrate that the design capacity of basins intended to collect storm runoff will not be compromised by storage of operational water; and</p> <p>(g) describe what measures would be implemented to maintain (and if necessary decommission) the structures over time.</p>	<p>Water Management Plan dated November 2017.</p> <p>Erosion and Sediment Control Management Plan dated September 2017.</p>	<p>Sighted Water Management Plan dated November 2017 and Erosion and Sediment Control Management Plan dated September 2017.</p>	Compliant
16	<p>The Surface Water Monitoring Program must include:</p> <p>(a) detailed baseline data on surface water flows and quality in downstream watercourses that could be affected by the project;</p> <p>(b) surface water quality and stream health impact assessment criteria, including trigger levels for investigating any potentially adverse surface water impacts;</p> <p>(c) a program to monitor: surface water flows, quality, and impacts on water users; stream health; and channel stability.</p>	<p>Water Management Plan dated November 2017.</p> <p>Environmental Monitoring Program dated September 2010.</p> <p>Annual Return (for the year 21st August 2017 – 20th August 2018).</p>	<p>Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010 and Annual Return (for the year 21st August 2017 – 20th August 2018).</p>	Compliant
17	<p>The Groundwater Monitoring Program must include:</p> <p>(a) detailed baseline data on groundwater levels, flows and quality in the region, and particularly any groundwater bores, springs and seeps (including spring and seep fed dams) that may be affected by operations on site;</p> <p>(b) groundwater impact assessment criteria, including trigger levels for investigating any potentially adverse groundwater impacts; and</p> <p>(c) a program to monitor: groundwater levels and quality in new and existing monitoring bores; the impacts of the project on: - any groundwater bores, springs and seeps (including spring and seep fed farm dams) on privately-owned land; and – any groundwater dependent ecosystems.</p>	<p>Water Management Plan dated November 2017.</p> <p>Environmental Monitoring Program dated September 2010.</p> <p>Annual Return (for the year 21st August 2017 – 20th August 2018).</p>	<p>Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010 and Annual Return (for the year 21st August 2017 – 20th August 2018).</p> <p>Phils Spring (point 15) EPL past trigger point described in table 6, pg 17 of the water management plan. A study was done with Larry Cook dated 13 July 2018 (sighted). DP&E have been informed of the study being undertaken and have requested an additional study be completed in the coming months.</p>	Compliant
18	<p>The Surface and Groundwater Response Plan must include:</p> <p>(a) a protocol for the investigation, notification and mitigation of any exceedances of the surface and ground water impact assessment criteria;</p> <p>(b) measures to mitigate and/or compensate potentially affected landowners, including provision of alternative long-term supply of water to the affected landowner that is equivalent to the loss attributed to the project; and</p> <p>(c) the procedures that would be followed if any unforeseen impacts are detected during the project.</p>	<p>Water Management Plan dated November 2017.</p>	<p>Reviewed the Water Management Plan and it satisfies the requirements outlined in this condition.</p>	Compliant

LANDSCAPE MANAGEMENT Rehabilitation				
19	<p>The Proponent shall progressively rehabilitate the site, in a manner that:</p> <p>(a) is generally consistent with the concept final landform in the EA (as reproduced in Appendix 4); and</p> <p>(b) provides at least 14.7 hectares of Yellow Box – Red Gum Woodland, to the satisfaction of the Director General.</p>	Rehabilitation work has not commenced as yet.	<p>Rehabilitation measures for the site are incorporated into the Landscape Management Plan dated Sep 2010 which was sighted during and post audit.</p> <p>Informal visual inspections are conducted on property fencing and fenced off native vegetation areas and if necessary, repairs conducted as per requirements in the Landscape Management Plan</p>	Not Triggered
Landscape Management Plan				
20	<p>The Proponent shall prepare and implement a Landscape Management Plan for the project to the satisfaction of the Director-General. This plan must:</p> <p>(a) be prepared in consultation with OEH by suitably qualified expert/s whose appointment/s have been approved by the Director-General, and be submitted to the Director-General for approval prior to the commencement of quarrying operations; and</p> <p>(b) include a:</p> <ul style="list-style-type: none"> • Rehabilitation Management Plan; and • Quarry Closure Plan. <p>Note: The Department accepts that the initial Landscape Management Plan may not include a detailed Quarry Closure Plan. However, the initial plan must include an outline and a timetable for completion of the detailed Quarry Closure Plan</p>	Landscape Management Plan dated Sep 2010.	Reviewed the Landscape Management Plan and it satisfies the requirements outlined in this condition.	Compliant
Rehabilitation Management Plan				
21	<p>The Rehabilitation Management Plan must include:</p> <p>(a) the rehabilitation objectives for the site;</p> <p>(b) a description of the short, medium, and long-term measures that would be implemented to:</p> <ul style="list-style-type: none"> • rehabilitate the site; and • maintain and enhance existing site vegetation outside the disturbance area <p>(c) detailed performance and completion criteria for the site rehabilitation;</p> <p>(d) a detailed description of the measures that would be implemented over the next 3 years, including the procedures to be implemented for:</p> <ul style="list-style-type: none"> • progressively rehabilitating disturbed areas; • protecting vegetation and soil outside the disturbance areas; • rehabilitating creeks and drainage lines on the site to ensure no net loss of stream length and aquatic habitat; • undertaking pre-clearance surveys; • managing impacts on fauna; • landscaping the site to minimise visual impacts, including a landscape plan for the visual/noise bund and other boundaries of the site; • conserving and reusing topsoil; • VENM quality assurance; • collecting and propagating seed for rehabilitation works; 	Landscape Management Plan dated Sep 2010.	Rehabilitation measures for the site are incorporated into the Landscape Management Plan dated Sep 2010 which was sighted during and post audit. The Plan satisfies the requirements outlined in this condition.	Compliant

	<ul style="list-style-type: none"> salvaging and reusing material from the site for habitat enhancement; controlling weeds and feral pests; controlling access; and bushfire management; <p>(e) a program to monitor the effectiveness of these measures, and progress against the performance and completion criteria;</p> <p>(f) a description of the potential risks to successful rehabilitation and/or revegetation, and a description of the contingency measures that would be implemented to mitigate these risks; and</p> <p>(g) details of who would be responsible for monitoring, reviewing, and implementing the plan.</p>			
Quarry Closure Plan				
22	<p>The Quarry Closure Plan must:</p> <p>(a) include provision for certification from a qualified geotechnical engineer that the final proposed landform is stable;</p> <p>(b) define the objectives and criteria for closure of the quarry;</p> <p>(c) investigate options for the future use of the site, including any final void;</p> <p>(d) describe the measures that would be implemented to minimise or manage the ongoing (post closure) environmental effects of the project; and</p> <p>(e) describe how the performance of these measures would be monitored over time.</p>	Landscape Management Plan dated September 2010.	The quarry closure plan has been incorporated within the landscape management plan and satisfies the requirements outlined in this condition.	Compliant
Rehabilitation Bond				
23	<p>Within 3 months of the approval of the Landscape Management Plan, the Proponent shall lodge a rehabilitation and offset bond for the project with the Director-General. The sum of the bond shall be calculated at:</p> <ul style="list-style-type: none"> \$2.50/m2 for the area of new disturbance in each 3year review period; \$1.00/m2 for the total area of land previously disturbed by the quarry, or as otherwise directed by the Director-General. <p>Notes: If the rehabilitation is completed to the satisfaction of the Director-General, the Director-General will release the bond.</p> <p>If the rehabilitation is not completed to the satisfaction of the Director-General, the Director-General will call in all or part of the bond, and arrange for the satisfactory completion of the relevant works.</p>	Bank Guarantee (781604228) dated 30 June 2017.	Sighted bank guarantee (781604228) dated 30 June 2017.	Compliant
ABORIGINAL HERITAGE				
24	<p>The Proponent shall prepare and implement an Aboriginal Heritage Management Plan for the project to the satisfaction of the Director-General. This plan must:</p> <p>(a) be prepared in consultation with the OEH, and be submitted to the Director-General for approval prior to carrying out any development on site; and</p> <p>(b) include a:</p> <ul style="list-style-type: none"> description of the subsurface test pit investigations that would be implemented in the extraction area to determine if archaeological material is present and the significance of any such material; description of the measures that would be implemented if any new Aboriginal objects or relics are discovered during the project; and protocol for the ongoing consultation and involvement of the Aboriginal communities in the conservation and management of Aboriginal cultural heritage on the site. 	<p>Aboriginal Heritage Management Plan dated September 2010.</p> <p>Visual site inspection undertaken 20th November 2018.</p>	<p>Sighted and review of the Aboriginal Heritage Management Plan conducted. No evidence of approval sighted however all plans were submitted.</p> <p>Approval has been assumed as the department has seen this plan and this plan is displayed on the company website.</p> <p>Site visit of locations listed in the AHMP was undertaken and is</p>	Compliant

			consistent with the those listed in the AHMP.	
TRAFFIC AND TRANSPORT				
Transport Route Upgrades				
25	<p>Subject to condition 25A, the Proponent shall:</p> <p>(a) restrict all product transport from the site until it has completed the Stage 1 road upgrade works, to the satisfaction of Council;</p> <p>(b) restrict product transport to a maximum of 20 truck movements (in + out) per day Monday to Friday, and 12 truck movements per day on Saturdays, until it has completed the Stage 2 road upgrade works, to the satisfaction of Council;</p> <p>(c) restrict product transport to a maximum of 56 truck movements (in + out) per day Monday to Friday, and 30 truck movements per day on Saturdays, until it has completed the Stage 3 road upgrade works, to the satisfaction of Council;</p> <p>(d) restrict truck movements associated with the project to a maximum of 88 truck movements (in + out) per day Monday to Friday, and 42 truck movements per day on Saturdays, upon completion of the Stage 3 road upgrade works.</p> <p>Notes: The road upgrade stages are defined in Schedule 1 of this approval. The restrictions on product transport in this condition do not apply to any product transport to and from the road upgrade sites.</p>	<p>Traffic Management Plan dated August 2011</p> <p>Driver Code of Conduct updated 9 January 2018</p> <p>Bypass road construction drawings dated 1st June 2010</p>	<p>Sighted and review of Traffic Management Plan dated August 2011, Driver Code of Conduct updated 9 January 2018 and bypass road construction drawings dated 1st June 2010 was conducted. The requirements of this condition has been satisfied.</p> <p>Advised by the Environmental Officer and Quarry Manager of the following: Stage 1 is completed. Stage 2 – completed, minor rectification works are to be undertaken in mid December 2018 for final sign off Stage 3 – completed.</p>	Compliant
25A	<p>The Proponent shall, in relation to the principal local haulage route:</p> <p>(a) restrict all product transport from the site until it has completed the quarry access intersection upgrade works;</p> <p>(b) restrict product transport to 20,000 tonnes per annum, to be transported at a maximum rate of five laden trucks per day and to be delivered to customers located only within 100km of the site;</p> <p>(c) adhere to limits on weight-restricted bridges and roads at all times;</p> <p>(d) avoid use of the western section of Lumley Road, west of Windellama Road during and after periods of heavy rain;</p> <p>(e) ensure no truck movements occur by Windellama Public School between the hours of 8:00 am to 9:30 am and 2:30 pm to 4:00 pm and also ensure that trucks adhere to a speed limit of 40 km/h in the vicinity of the school during school hours; and</p> <p>(f) consult and enter into arrangements with drivers of local school buses along the route to minimise heavy vehicles on the road during school bus pick up and drop off times.</p>	<p>Traffic Management Plan dated August 2011</p> <p>Driver Code of Conduct updated 9 January 2018</p> <p>Bypass road construction drawings dated 1st June 2010</p>	<p>Sighted and review of Traffic Management Plan dated August 2011, Driver Code of Conduct updated 9 January 2018 and bypass road construction drawings dated 1st June 2010 was conducted. The requirements of this condition have been satisfied.</p> <p>Advised by the Environmental Officer and Quarry Manager of the following: Stage 1 is completed. Stage 2 – completed, minor rectification works are to be undertaken in mid-December 2018 for final sign off Stage 3 – completed.</p>	Compliant
26	<p>The Proponent shall:</p> <p>(a) upgrade the acceleration lane for northbound traffic on the Hume Highway at its junction with Jerrara Road, to the satisfaction of the RMS, prior to undertaking any product transport from the site; or</p>	<p>Drivers code of conduct dated 9 Oct 2018</p> <p>Bypass road construction drawings dated 1st June 2010</p>	<p>Sighted bypass road construction drawings dated 1st June 2010 and Drivers code of conduct dated 9 Oct 2018.</p>	Compliant

	<p>(b) restrict any product transport from the site until a suitable grade separated interchange is operational at the junction of the Hume Highway and Jerrara Road, unless otherwise agreed by the RMS.</p> <p>Note: The restrictions on product transport in this condition do not apply to any product transport to and from the road upgrade works required by this approval.</p>		<p>The approved Erosion and Sediment Control Management Plan has been updated (September 2017) and includes layouts for the mentioned road upgrades.</p>	
Traffic Management Plan				
27	<p>The Proponent shall prepare and implement a Traffic Management Plan for the project to the satisfaction of the Director-General. This plan must:</p> <p>(a) be prepared in consultation with Council and the RMS by suitably qualified independent expert/s whose appointment/s have been approved by the Director-General, and be submitted to the Director-General for approval prior to carrying out any development on site;</p> <p>(b) provide for Road Safety Audits prior to the commencement of each stage of road upgrade works in accordance with RTA's Accident Reduction Guide Part 2 Road Safety Audits (August 2005);</p> <p>(c) include a program for an action plan and outline the measures to be implemented to address any issues identified by the Road Safety Audit;</p> <p>(d) include traffic control plans to describe proposed traffic control measures during construction activities on public roads;</p> <p>(e) include a protocol for the management of quarry vehicles on the bypass road, including the prevention of trucks from queuing on Mountain Ash Road to enter the bypass road;</p> <p>(f) identify arrangements with school bus drivers including any restrictions on activities during school bus pick up/drop off times and provision of any other measures (e.g. bus bays); and</p> <p>(g) include a driver's Code of Conduct.</p> <p>Note: The Department accepts that the initial Traffic Management Plan would only include the findings of the first Road Safety Audit. Subsequent revisions of the Traffic Management Plan may be submitted on completion of subsequent Road Safety Audits.</p>	<p>Traffic Management plan prepared by Chris Hallam and Associates dated August 2011.</p> <p>Approval letter (dated 9 September 2011) received from the Department of Planning and Infrastructure.</p> <p>Bypass road construction drawings dated 1st June 2010</p>	<p>Sighted Traffic Management plan prepared by Chris Hallam and Associates dated August 2011.</p> <p>Sighted approval letter (dated 9 September 2011) received from the Department of Planning and Infrastructure.</p> <p>Sighted drivers code of conduct (dated 9 oct 2018) being provided to all drivers and site personnel</p> <p>Sighted bypass road construction drawings dated 1st June 2010 and the updated E&SC plan which was sent as a separate document with the water management plan.</p> <p>A complaint was made to DP&E by a local resident regarding the layout and implementation of the traffic control plan used for works being undertaken on Jerrara Road. Alexander Cox provided the DP&E copies of the TMP and Traffic Control Plans used on the date of complaint. No further action was taken by the Department.</p>	Compliant
Road Haulage				
28	<p>The Proponent shall ensure that:</p> <p>(a) all loaded vehicles entering or leaving the site are covered; and</p> <p>(b) all loaded vehicles leaving the site are cleaned of materials that may fall on the road, before they leave the site.</p>	<p>Visual observation during site visit 19th and 20th November 2018.</p>	<p>Sighted vehicles (19th and 20th Nov 2018) leaving site. Loads were covered. No sediment or the like was being tracked off site onto the road.</p>	Compliant
29	<p>No project-related heavy vehicles shall use King Street to get to or from the site, except in an emergency to avoid the loss of lives, property and/or to prevent environmental harm.</p>	<p>Drivers code of conduct dated 9 Oct 2018</p> <p>Bypass road construction drawings dated 1st June 2010</p>	<p>Sighted drivers code of conduct dated 9 oct 2018.</p> <p>Sighted heavy vehicles using bypass 19th Nov and 20th Nov.</p>	Compliant

Haulage Records				
30	The Proponent shall record and maintain a log of the extraction quantities and traffic movement in and out of the site, available for inspection at the request of the Director-General or Council.		Sighted weighbridge, every laden vehicle must go over weigh bridge and driver is issued a docket with date, time, registration, destination, customer, net weight and gross weight of truck and material being carried. Driver takes 2 copies, 1 is signed at delivery and returned to the office (example sighted) where is scanned and stored on internal document control system.	Compliant
VISUAL				
Visual Amenity				
31	The Proponent shall minimise the visual impacts of the project to the satisfaction of the Director-General.	Noted		
Visual Impact Mitigation				
32	Within 6 months of this approval, the Proponent shall prepare a report that: (a) identifies the privately-owned residences that are likely to experience significant visual impacts during the construction and operation of the project; and (b) describes (in general terms) the additional mitigation measures that could be implemented to reduce the visibility of the quarry from these residences, to the satisfaction of the Director-General.	Independent Audit Report dated October 2015, prepared by Trevor Brown and Associates.	This requirement was validated in the previous audit undertaken by Trevor Brown and Associates, October 2015.	Compliant
33	Within 3 months of the Director-General approving this report, the Proponent shall advise all owners of privately-owned residences identified in the report that they are entitled to additional mitigation measures to reduce the visibility of the quarry from their properties.	As above	As above	Compliant
34	Upon receiving a written request from an owner of a residence identified in this report, the Proponent shall implement additional visual impact mitigation measures (such as landscaping treatments or vegetation screens) in consultation with the landowner, and to the satisfaction of the Director-General. These mitigation measures must be reasonable and feasible. If within 3 months of receiving this request from the owner, the Proponent and the owner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Director-General for resolution. Note: The additional visual impact mitigation measures must be aimed at reducing the visibility of the quarry from significantly affected residences and do not necessarily require measures to reduce visibility of the quarry from other locations on the affected properties. The additional visual impact mitigation measures do not necessarily have to include measures on the affected property itself (i.e. the additional measures may consist of measures outside the affected property boundary that provide an effective reduction in visual impacts).	Not applicable	No written request from an owner of a residence has been received. The site is currently looking options for the installation of additional bunds and overburden storage areas which will aid in minimising visual impact for affected residents	Not Triggered.
Lighting Emissions				
35	The Proponent shall: (a) take all practicable measures to mitigate off-site lighting impacts from the project; and	Not applicable	There is no off-site lightening from works.	Not Triggered

	(b) ensure that all external lighting associated with the project complies with Australian Standard AS4282 (INT) 1995 – Control of Obtrusive Effects of Outdoor Lighting, to the satisfaction of the Director-General.			
Advertising				
36	The Proponent shall not erect or display any advertising structure(s) or signs on the site without the written approval of the Director-General. Note: This does not include traffic management and safety or environmental signs.	Noted.		
WASTE MANAGEMENT				
Waste Minimisation				
37	The Proponent shall: (a) only import VENM to the site; and (b) minimise the amount of waste generated by the project to the satisfaction of the Director-General.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted EMS. Environmental Officer advised the following: - nothing has been imported to site. - Skip bin for all wastes. No recycling is undertaken yet this is under review. - Scrap metal is recycled - Southern Oil collects waste oil - Tyres are stored on site until removed - Truck maintenance is carried out at a workshop in Sydney unless it is a minor repair which can safely be conducted at the quarry site.	Compliant
EMERGENCY AND HAZARDS MANAGEMENT				
Dangerous Goods				
38	The Proponent shall ensure that the storage, handling, and transport of dangerous goods are conducted in accordance with the relevant Australian Standards, particularly AS1940 and AS1596, and the Dangerous Goods Code.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan (PIRMP) Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile refueler collects from here and fills up plant etc as required.	Compliant
Safety				
39	The Proponent shall secure the project to ensure public safety to the satisfaction of the Director-General.	Visual observation.	The premise is locked when closed and the property is fenced.	Compliant
Bushfire Management				
40	The Proponent shall: (a) ensure that the project is suitably equipped to respond to any fires on-site; and (b) assist the Rural Fire Service and emergency services as much as possible if there is a fire on site.	Bushfire Management Plan dated August 2018.	Sighted Bushfire Management Plan. All fire extinguishers have been checked and tagged First aid and fire extinguisher training is provided to staff.	Compliant

PRODUCTION DATA				
41	The Proponent shall: (a) provide annual production data to the DRE using the standard form for that purpose; and (b) include a copy of this data in the Annual Return.	Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted Annual Return.	Compliant
SCHEDULE 4 ADDITIONAL PROCEDURES: NOTIFICATION OF LANDOWNERS				
1	If the results of monitoring required in Schedule 3 identify that impacts generated by the project are greater than the relevant impact assessment criteria, then the Proponent shall notify the Director-General and the affected landowners and/or existing or future tenants (including tenants of quarry owned properties) accordingly, and provide quarterly monitoring results to each of these parties until the results show that the project is complying with the relevant criteria.	Noted		
INDEPENDENT REVIEW				
2	If a landowner of privately-owned land considers that the quarrying operations are exceeding the impact assessment criteria in Schedule 3, then he/she may ask the Director-General in writing for an independent review of the relevant impacts of the project on his/her land. If the Director-General is satisfied that an independent review is warranted, the Proponent shall within 3 months of the Director-General advising that an independent review is warranted: (a) consult with the landowner to determine his/her concerns; (b) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Director-General, to conduct monitoring on the land, to determine whether the project is complying with the relevant criteria in Schedule 3, and identify the source(s) and scale of any impact on the land, and the project's contribution to this impact; and (c) give the Director-General and landowner a copy of the independent review	Statement of Concerns dated 31 October 2018.	Written request received by the DP&E from an adjoining property requesting an independent review into the decline of a spring on that property. Letter sent from DP&E to Michael Cox dated 26 September 2018. Independent hydrologist has been engaged and approved by the DP&E as being suitably qualified and independent. A scoping meeting has been held between Multiquip, the affected neighbour and the DP&E. A statement of concerns has been submitted by the residents directly to the Environmental Officer (sighted) dated 31 October 2018. Hydrologist is attending site at the end of November 2018. The DP&E have advised that the study be completed and published by February 28 th 2019.	Compliant
3	If the independent review determines that the quarrying operations are complying with the relevant criteria in Schedule 3, then the Proponent may discontinue the independent review with the approval of the Director-General.	Not applicable	Independent review is currently underway and was not completed at the time the audit was conducted.	Not Triggered
4	If the independent review determines that the quarrying operations are not complying with the relevant criteria in Schedule 3, and that the quarry is primarily responsible for this non-compliance, then the Proponent shall: (a) implement all reasonable and feasible measures, in consultation with the landowner, to ensure that the project complies with the relevant criteria; and (b) conduct further monitoring to determine whether these measures ensure compliance; or (c) secure a written agreement with the landowner to allow exceedances of the relevant criteria in schedule 3, to the satisfaction of the Director-General. If the additional monitoring referred to above subsequently determines that the quarrying operations are complying with the relevant criteria in Schedule 3, then the Proponent may discontinue the independent review with the approval of the Director-General.	Not applicable	Independent review is currently underway and was not completed at the time the audit was conducted.	Not Triggered

	If the Proponent is unable to finalise an agreement with the landowner, then the Proponent or landowner may refer the matter to the Director-General for resolution. If the matter cannot be resolved within 21 days, the Director- General shall refer the matter to an Independent Dispute Resolution Process (see Appendix 5).			
5	If the landowner disputes the results of the independent review, either the Proponent or the landowner may refer the matter to the Director-General for resolution. If the matter cannot be resolved within 21 days, the Director- General shall refer the matter to an Independent Dispute Resolution Process (see Appendix 5).	Noted.		
SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, MONITORING, REPORTING & AUDITING, ENVIRONMENTAL MANAGEMENT STRATEGY				
1	The Proponent shall prepare and implement an Environmental Management Strategy for the project to the satisfaction of the Director-General. This strategy shall be submitted to the Director- General prior to carrying out any development on site, and must; (a) provide the strategic context for environmental management of the project; (b) identify the statutory requirements that apply to the project; (c) describe in general how the environmental performance of the project would be monitored and managed; (d) describe the procedures that would be implemented to: • keep the local community and relevant agencies informed about the construction, operation and environmental performance of the project; • receive, handle, respond to, and record complaints; • resolve any disputes that may arise during the life of the project; • respond to any non-compliance; • manage cumulative impacts; and • respond to environmental incidents and emergencies; and (e) describe the role, responsibility, authority, and accountability of the key personnel involved in the environmental management of the project.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted EMS.	Compliant
ENVIRONMENTAL MONITORING PROGRAM				
2	The Proponent shall prepare an Environmental Monitoring Program for the project to the satisfaction of the Director-General. This program must be submitted to the Director-General prior to carrying out any development on site, and consolidate the various monitoring requirements in Schedule 3 of this approval into a single document.	Environmental Monitoring Program dated September 2010.	Sighted Environmental Monitoring Program dated September 2010.	Compliant
REPORTING				
Incident Reporting				
3	Within 24 hours of detecting an exceedance of the limits/performance criteria in this approval or the occurrence of an incident that causes (or may cause) harm to the environment, the Proponent shall notify the Department and other relevant agencies of the exceedance/incident.	Verbal details provided by Environmental Officer.	Environmental incident database spreadsheet has been developed for future standardised recording of incidents. Information regarding previous incidents recorded in individual files stored on the company server. No exceedances (monitoring) have occurred since the last audit in 2015. In 2018 Multiquip Quarries became aware that several sites identified in the AHMP were potentially impacted	Non-Compliant

			<p>by road upgrade works. Following this, a harm assessment was undertaken by a suitably qualified archaeologist. The report generated by this study was then submitted to the DP&E and OEH.</p> <p>An incident relating to overflow of bore dam from site occurred between 23-25 June 2017. This water discharged onto a neighbouring property. The EPA were notified of the incident and attended site that week to investigate. It was concluded that no harm to the environment occurred. The DP&E however was not advised of the incident until the publishing of the 2016 Annual Return. Multiquip Quarries received an official caution from the DP&E for failing to promptly notify their office of an environmental incident.</p>	
4	<p>Within 6 days of notifying the Department and other relevant agencies of an exceedance/incident, the Proponent shall provide the Department and these agencies with a written report that:</p> <p>(a) describes the date, time, and nature of the exceedance/incident;</p> <p>(b) identifies the cause (or likely cause) of the exceedance/incident;</p> <p>(c) describes what action has been taken to date; and</p> <p>(d) describes the proposed measures to address the exceedance/incident.</p>	As above	See above official caution from DP&E regarding the failure to promptly report the bore dam overflow to the DP&E.	Non-Compliant
Annual Reporting				
5	<p>Within 12 months of the commencement of construction activities, and annually thereafter, the Proponent shall submit an Annual Return to the Director-General and relevant agencies. This report must:</p> <p>(a) identify the standards and performance measures that apply to the project;</p> <p>(b) describe the works carried out in the last 12 months, and the works that will be carried out in the next 12 months;</p> <p>(c) include a summary of the complaints received during the past year, and compare this to the complaints received in previous years;</p> <p>(d) include a summary of the monitoring results for the project during the past year;</p> <p>(e) include an analysis of these monitoring results against the relevant:</p> <ul style="list-style-type: none"> • impact assessment criteria/limits; • monitoring results from previous years; and • predictions in the EA; <p>(f) identify any trends in the monitoring results over the life of the project;</p> <p>(g) identify any non-compliance during the previous year; and</p> <p>(h) describe what actions were, or are being, taken to ensure compliance.</p>	Annual Environment Management Report 2017/2018.	Sighted Annual Return	Compliant

Revision of Strategies, Plans and Programs				
5A	<p>Within 3 months of:</p> <p>(a) the submission of an incident report under condition 4 above;</p> <p>(b) the submission of an Annual Return under condition 5 above;</p> <p>(c) the submission of an audit report under condition 7 below; or</p> <p>(d) any modification to this approval the Proponent shall review, and if necessary revise, the strategies, plans, and programs required under this approval to the satisfaction of the Director-General.</p> <p>Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.</p>	Noted		
Management Plan Requirements				
5B	<p>The Applicant shall ensure that the Management Plans required under this consent are prepared in accordance with any relevant guidelines, and include:</p> <p>(a) detailed baseline data;</p> <p>(b) a description of:</p> <ul style="list-style-type: none"> the relevant statutory requirements (including any relevant approval, licence or lease conditions); any relevant limits or performance measures/criteria; and the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures; <p>(c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;</p> <p>(d) a program to monitor and report on the:</p> <ul style="list-style-type: none"> impacts and environmental performance of the development; and effectiveness of any management measures (see (c) above); <p>(e) a contingency plan to manage any unpredicted impacts and their consequences;</p> <p>(f) a program to investigate and implement ways to improve the environmental performance of the development over time;</p> <p>(g) a protocol for managing and reporting any:</p> <ul style="list-style-type: none"> incidents; complaints; non-compliances with statutory requirements; and exceedances of the impact assessment criteria and/or performance criteria; and <p>(h) a protocol for periodic review of the plan.</p> <p>Note: The Director-General may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</p>	<p>Environmental Management System (August 2011);</p> <p>Environmental Monitoring Program (September 2010);</p> <p>Erosion and Sediment Control Management Plan (September 2017);</p> <p>Aboriginal Heritage Management Plan (September 2010);</p> <p>Air Quality Monitoring Program (September 2010);</p> <p>Landscape Management Plan (September 2010);</p> <p>Traffic Management Plan (September 2010);</p> <p>Noise Monitoring Program (May 2010);</p> <p>Pollution Incident and Response Management Plan October 2014 (revised August 2018);</p> <p>Water Management Plan (November 2017);</p> <p>Bushfire Management Plan (August 2018);</p> <p>Annual Environment Management Report 2017/2018 (August).</p>	Sighted and reviewed documents listed.	Compliant
INDEPENDENT ENVIRONMENTAL AUDIT				
6	<p>Within 2 years of the date of the commencement of quarrying operations, and every 3 years thereafter, unless the Director-General directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project. This audit must:</p> <p>(a) be conducted by a suitably qualified, experienced, and independent person(s) whose appointment has been approved by the Director-General;</p> <p>(b) include consultation with the relevant agencies;</p> <p>(c) assess the environmental performance of the project, and its effects on the surrounding environment;</p>	Independent Audit Report December 2018.	An Independent Environmental Audit was conducted on the 19 th and 20 th November 2018.	Compliant

	(d) assess whether the project is complying with the relevant standards, performance measures and statutory requirements; and (e) review the adequacy of any strategy/plan/program required under this approval, and, if necessary, recommend measures or actions to improve the environmental performance of the project, and/or any strategy/plan/program required under this approval. Note: The person(s) conducting the audit should have expertise in the fields of traffic management, hydrogeology and quarry rehabilitation.			
7	Within 6 weeks of completion of each Independent Environmental Audit, the Proponent shall submit a copy of the audit report to the Director-General, with a response to any of the recommendations in the audit report.	Noted		
8	Within 3 months of submitting a copy of the audit report to the Director-General, the Proponent shall review and if necessary revise the sum of the Rehabilitation Bond (see Schedule 3), to consider: <ul style="list-style-type: none"> • the effects of inflation; • any changes to the total area of disturbance; and • the performance of the revegetation against the completion criteria of the Rehabilitation Management Plan, to the satisfaction of the Director-General. 	Noted		
COMMUNITY CONSULTATIVE COMMITTEE				
9	The Proponent shall establish and operate a Community Consultative Committee (CCC) for the project to the satisfaction of the Director-General, in general accordance with the Department's Guideline for Establishing and Operating Community Consultative Committees for Mining Projects. The CCC must be established within 3 months of the date of this approval, unless otherwise agreed by the Director-General. Notes: <ul style="list-style-type: none"> • The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Proponent complies with this approval. • In accordance with the Guideline, the Committee should comprise an independent chair and appropriate representation from the Proponent, Council, adjoining landholders, residents of Bungonia village and resident/s along the haulage route. 	Meeting Minutes dated 2 November 2018.	Group has been established. Meetings are held at a minimum of three times per year. Minutes are taken and distributed to those in attendance and posted onto the website. Sighted minutes from 2 Nov2018 meeting. Multiquip website posts the minutes.	Compliant
ACCESS TO INFORMATION				
10	Within 1 month of the approval of any plan/strategy/program required under this approval (or any subsequent revision of these plans/strategies/programs), or the completion of the audits or Annual Return required under this approval, the Proponent shall: <ul style="list-style-type: none"> (a) provide a copy of the relevant document/s to the relevant agencies and to members of the general public upon request; and (b) ensure that a copy of the relevant document/s is made publicly available on its website and at the Proponent's office. 	www.mqquarry.com.au/media	Sighted Multiquip website	Compliant
11	During the project, the Proponent shall: <ul style="list-style-type: none"> (a) make a summary of monitoring results required under this approval publicly available on its website and at the site office; and (b) update these results on a regular basis (at least every 3 months). 	www.mqquarry.com.au/media	Sighted Multiquip website	Compliant
Adaptive Management				
12	The Applicant shall 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	Noted.		

	<p>these criteria and/or performance measures constitutes a breach of this consent and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation. Where any exceedance of these criteria and/or performance measures has occurred, the Applicant shall, at the earliest opportunity:</p> <ul style="list-style-type: none">(a) take all reasonable and feasible measures to ensure that the exceedance ceases and does not recur;(b) consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any preferred remediation measures or other course of action; and(c) implement remediation measures as directed by the Director- General; to the satisfaction of the Director-General.	<p>Performance measures are managed via the implementation of management plans and monitoring programs.</p>
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Audit Table

Statement of Commitments (Appendix 2 Consolidated Consent 07_0155 (MOD 2))

SoC	Statement of Commitment	Evidence Collected	Independent Audit Findings and Recommendations	Compliance Status
1	Area of Activities			
All approved activities are undertaken in the area(s) nominated on the approved plans and figures (unless moved slightly to avoid individual trees).				
1.1	Survey and mark the boundaries of the areas of disturbance on the ground.	Survey plan prepared by Southern Cross Consulting Surveyors dated Nov 2009.	Sighted survey plan prepared by Southern Cross Consulting Surveyors dated Nov 2009. Captured in previous audit conducted in 2015. site layout.	Compliant
1.2	Survey and peg the centre line of the Site Access Road.	Survey plan prepared by Southern Cross Consulting Surveyors dated Nov 2009.	Task completed during construction phase. Site access road has been completed in accordance with the survey plan.	Compliant
2	Operating Hours			
Management of construction and operational activities in accordance with the approved operating hours.				
2.1	Undertake all activities within the hours of: 7.00am to 6.00pm / Monday to Friday and 7.00am to 1.00pm / Saturday.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted EMS.	Compliant
3	Waste Management			
Minimisation of general waste creation and maximisation of recycling, wherever possible.				
3.1	Place all paper and general wastes originating from the Administration and Quarry Services Area, together with routine maintenance consumables from the daily servicing of equipment in garbage bins located adjacent to the various buildings.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted EMS. Environmental Officer advised the following: - nothing has been imported to site. - Skip bin for all wastes. No recycling is undertaken yet this is under review. - Scrap metal is recycled - Southern oil collect oils - Tyres are stored on site - Truck maintenance is carried out in Sydney unless it's a tyre repair or change.	Compliant
3.2	Collect general waste bins daily and place contents in large waste skip bins positioned adjacent to the heavy vehicle maintenance building to await removal by licensed contractor.	As above	As above	Compliant
3.3	Organise the regular collection of industrial wastes.	As above	As above	Compliant
3.4	Store waste oils and grease at the maintenance workshop for collection by a licensed waste recycling contractor	As above	As above	Compliant

3.5	Collect all parts and packaging and transfer to the maintenance workshop for disposal or recycling.	As above	As above	Compliant
3.6	Store potentially hydrocarbon-contaminated water in the oil/water separator for regular removal from site by a licensed contractor.	As above	As above	Compliant
3.7	Install adequate toilet and ablution facilities within the Administration and Quarry Services Area for the site workforce and visitors.	As above	As above	Compliant
3.8	Direct sewage to either the existing septic system of the "Ardmore Park" property or a bio-cycle (or equivalent system) within the Administration and Quarry Services Area with effluent irrigation to land.	As above	As above	Compliant
4	Rehabilitation			
4.1	Adopt a progressive approach to rehabilitation to ensure that completed areas are quickly shaped and vegetated to provide a stable landform.	Rehabilitation work has not yet commenced.	Rehabilitation measures for the site are incorporated into the Landscape Management Plan dated Sep 2010 which was sighted during and post audit. Informal visual inspections are conducted on property fencing and fenced off native vegetation areas and if necessary, repairs conducted.	Not Triggered
4.2	Stabilise earthworks, drainage lines and disturbed areas no longer required for quarry-related activities.	As above	As above	Not Triggered
4.3	Blend the created landform with the surrounding land fabric.	As above	As above	Not Triggered
4.4	Maintain a number of water storages to facilitate the subsequent use of the land for agricultural purposes.	As above	As above	Not Triggered
4.5	Replant native vegetation along reinstated drainage lines and lower lying areas of the Project Site totalling approximately 14.7ha.	As above	As above	Not Triggered
4.6	Utilise native tree, shrub and grass species that would promote the re-establishment of the endangered ecological community White Box Yellow Box Blakely's Red Gum Woodland, and link existing areas of native vegetation to the southeast and northwest of the Project Site.	As above	As above	Not Triggered
4.7	Retain cleared trees and branches for use in stabilising slopes identified for rehabilitation with native woodland communities.	As above	As above	Not Triggered
4.8	Report each year's rehabilitation within an Annual Environmental Management Report (Annual Return).	As above	As above	Not Triggered
4.9	Undertake a targeted weed spraying programs, to eliminate or control noxious weeds currently occurring on the Project Site.	As above	As above	Not Triggered
5	Groundwater			
Prevention of groundwater contamination.				
5.1	Securely store all hydrocarbon products within designated and bunded areas	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan (PIRMP) Visual observation during site visit 19 th and 20 th November 2018.	Compliant

			Diesel tank on site 50,000L capacity. Mobile fuel truck collects from here and fills up mobile plant as required.	
5.2	Refuel all of the project fleet within designated areas of the Project Site.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile fuel truck collects from here and fills up mobile plant as required.	Compliant
5.3	Undertake all maintenance activities within designated areas of the Project Site facilities area, i.e. maintenance workshop.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile fuel truck collects from here and fills up mobile plant as required.	Compliant
5.4	Direct all water from wash-down areas and workshops to oil/water separators and containment systems.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile fuel truck collects from here and fills up mobile plant as required.	Compliant
5.5	Ensure all storage tanks are either self-bunded tanks or bunded with an impermeable surface and a capacity to contain a minimum 110% of the largest storage tank capacity.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile fuel truck collects from here and fills up mobile plant as required.	Compliant
5.6	Collect samples of groundwater in all monitoring wells on a 12- month basis and submit to a NATA registered laboratory for the testing of pH, Electrical conductivity (EC), Total Dissolved Solids (TDS) and the determination of major anions, major cations, iron and hydrocarbons.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
5.7	Measure water levels on a monthly basis up to and throughout the extraction phase from Bores BHAP1, BHAP5, BHAP7 and BHAP10.	Water Management Plan dated November 2017.	Sighted Water Management Plan dated November 2017,	Compliant

		Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	
5.8	Replace the bores that are destroyed during the staged extraction process with strategically positioned and suitably installed new monitoring wells where appropriate.	Noted		
5.9	(In the event that monitoring indicates a decreasing SWL trend attributable to the proposed extraction of groundwater), reduce pumping rates, initially through reducing water provided for ongoing stock watering and if required through a reduced processing rate at the sand washing plant.	Noted		
Prevention of any reduction in the availability of groundwater flows to local springs.				
5.10	Assess the flow rate and water quality of groundwater from the “Inverary Park” and Southern Spring against low flow records.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010,	Compliant
5.11	Establish photo points at representative spring (“Inverary Park”, southern and western springs) and other locations to assess any changes in flow regimes and vegetation over time.	Photos of Phil’s Spring	Sighted photos taken at Phil’s Spring. In the future, photos will be taken during quarterly monitoring activities.	Compliant
5.12	(In the event of a deterioration of flow rates and/or water availability to below historic low flows) undertake one of the following options: (i) supply groundwater to the affected water user from Multiquip’s proposed production bore (BHAP6) to the measured and documented loss and with a water quality commensurate or better; or (ii) provide monetary compensation to the affected water user; or (iii) install a replacement bore to provide the measured and documented loss of groundwater with a quality commensurate or better.	Noted		
Preparation of a contingency plan in the event that the availability or quality of groundwater is reduced for local groundwater users.				
5.13	Undertake remedial action if the available drawdown attributable to the mine for the existing groundwater users is reduced by over 15%. The remedial actions that may be appropriate include the deepening of bores or replacement of bores to accommodate deeper, high lift pumps.	Noted		
5.14	Commission review of all monitoring results on an annual basis by a consulting hydrogeologist or other environmental professional and report in each Annual Return.	Annual Return Envirolab certificate of analysis 199950 dated 3 oct 2018.	Environmental Officer has reviewed monitoring results. Sighted Envirolabs certificate of analysis 199950 dated 3 October 2018.	Compliant

6	Surface Water			
Diversion of clean water flows away from areas of project related disturbance.				
6.1	Construct diversion banks upstream of the extraction area and other related disturbance to the design specifications of Landcom (2004).	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
6.2	Construct clean water storage dam (Dam 8) at the discharge points of the main diversion structures.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
6.3	Inspect the diversion banks and storage dams on a monthly basis, or following rainfall of >25mm/24 hours, and undertake maintenance work as necessary.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
Capture of dirty water flows from areas of project related disturbance.				
6.4	Construct catch banks downstream of disturbed ground to the design specifications of Landcom (2004).	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
6.5	Inspect the catch banks on a monthly basis, or following rainfall of >25mm/24 hours, and undertake maintenance work as necessary.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010,	Compliant

		Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	
6.6	Construct sediment basins and clarification ponds as identified on Figure 5.15 (in the EA) and to the design specifications of Landcom (2004).	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
6.7	Inspect the sediment basins on a monthly basis, or following rainfall of >25mm/24 hours, and clean out the sediment basins of consolidated sediment once capacity reduced by 20%.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
6.8	Review general performance of catchment and settlement structures and upgrade the existing structures or install additional structures to ensure all dirty water is captured and settled prior to discharge.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
Discharged water quality to meet nominated criteria.				
6.9	Construct catchment and settlement structures 'in-line' such that overflow from one structure is directed to another downstream.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant

6.10	Divert drainage in the final landform to Dams 7 and 8.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
6.11	Ensure drainage paths between the catchment and settlement structures are well grassed.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
6.12	Ensure any water discharged meets the EPA Environment Protection Licence criteria, expected to be as follows. • TSS < 50mg/L. • pH: 5.5 to 8.5. • Oil & grease < 10mg/L. • Electrical conductivity < 350µS/cm.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
6.13	Securely store all hydrocarbon products.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile fuel truck collects from here and fills up mobile plant as required.	Compliant
6.14	Refuel all but the less mobile mining equipment which would be refuelled within the open cut area, within designated areas.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile fuel truck collects from here and fills up mobile plant as required.	Compliant
6.15	Direct all water from wash-down areas and workshops to oil/water separators and containment systems.	Water Management Plan dated November 2017.	Sighted Water Management Plan dated November 2017,	

		Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Erosion and Sediment Control Management Plan dated September 2017.	Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Erosion and Sediment Control Management Plan dated September 2017.	
6.16	Ensure all storage tanks are either self-bunded tanks or bunded with an impermeable surface and have a capacity to contain a minimum 110% of the largest storage tank capacity.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile fuel truck collects from here and fills up mobile plant as required.	Compliant
6.17	Implement a 3-phase remedial action plan in the event of a major hydrocarbon spill as follows. • Phase 1 – Initial Recovery: Recover as much as possible at the source by pumping free hydrocarbon from the surface and excavating hydrocarbon contaminated materials. • Phase 2 – Source Control: Begin hydraulic control of the source to prevent spreading of contamination. • Phase 3 – Recovery: If necessary, install boreholes to remove and treat contaminated groundwater.	Noted		
7	Noise			
All activities are undertaken in such a manner as to reduce the noise level generated and minimise impacts on surrounding landholders and/or residents.				
7.1	Construct an acoustic bund wall to the west of the internal road network and around the sand processing area.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
7.2	Locate the mobile crushing plant and hard rock processing plant within a cut section of the Project Site, approximately 8m below surface level (to the east).	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
7.3	Commence extraction from the southern sand resource area at the northern extremity of Stage 1 and move progressively southward toward Stage 2.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
7.4	Enclose the hard rock processing plant using Panel-Tech Thermaspan Colorbond panels, leaving openings only for plant conveyors.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
7.5	Adhere to the nominated hours of operation, i.e. no extraction, processing and associated activities would take place before 7:00am or after 6:00pm.	Noise Monitoring Program prepared by Heggies, dated 13 May 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Driver Code of Conduct updated 9 January 2018 Screenshot of staff log in and log out time sheet Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	No construction works are currently being undertaken on site. Quarrying works are not permitted to commence outside the prescribed times. All site personnel sign in and out via an electronic timeclock. Sighted Driver Code of Conduct updated 9 January 2018 Site induction for new site personnel includes operating hours (sighted induction video). All site personnel	Compliant

			must complete the induction on a yearly basis. Quarry administration office maintains register of inductions.	
7.6	Use equipment with lower sound power levels in preference to more noisy equipment	Noise Monitoring Program prepared by Heggies, dated 13 May 2010.	Noise monitoring (attended) was undertaken in April, June, September and December 2018. Monitoring was conducted by Peter Gangemi (Benbow Environmental Consultants). Sighted April monitoring report (this has been uploaded to company website).	Compliant
7.7	Instruct all truck drivers to avoid the use of engine brakes when approaching the Project Site entrance.	Driver Code of Conduct updated 9 January 2018.	Sighted driver code of conduct.	Compliant
7.8	Regularly service all equipment used on site to ensure the power sound levels remain at or below the levels specified in the noise assessment for the EA.	Preventative Maintenance Listing	Mex is a computer software program used on site which flags when servicing is required. Pre-start checks are conducted daily and information entered into Mex. Sighted 'preventative maintenance listing' which contains all the necessary information relating to vehicle servicing schedule and maintenance.	Compliant
7.9	Grade the internal road network to limit body noise from empty trucks travelling on the Project Site.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
7.10	Establish a noise monitoring program (NMP) to initially validate the predictions arising from the modelling and then record noise levels against the Project noise criteria. The NMP would include a noise monitoring protocol which would include the contingent measures to be followed should non-compliant noise levels be measured.	Noise Monitoring Program prepared by Heggies, dated 13 May 2010. Environmental Assessment prepared by RW Corkery & Co. to support a S75W Modification of PA 07_0155 dated June 2013. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Driver Code of Conduct updated 9 January 2018. Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted Noise Monitoring Program prepared by Heggies, dated 13 May 2010, Environmental Assessment prepared by RW Corkery & Co. to support a S75W Modification of PA 07_0155 dated June 2013, Environmental Monitoring Program dated September 2010, Annual Return (for the year 21st August 2017 – 20th August 2018). and Driver Code of Conduct updated 9 January 2018, Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Compliant

8	Air Quality			
Site activities are undertaken without exceeding EPA air quality criteria or goals.				
8.1	Minimise clearing ahead of construction and operational activities	Noted		
8.2	Undertake soil stripping at a time when there is sufficient soil moisture to prevent significant lift-off of dust.	Noted		
8.3	Avoid stripping soil in periods of high wind.	Noted		
8.4	Use water application to increase soil moisture should stripping occur during periods of high wind or low soil moisture.	Noted		
8.5	Apply water to the hard rock processing plant feed hopper and crushers.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
8.6	Install bund walls and wind breaks as required.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
8.7	Locate the mobile crushing plant within the cut section of the hard rock processing area.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
8.8	Enclose the dust generating components of the hard rock processing plant with limited openings to allow entry and exit of conveyors and access by project personnel.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
8.9	Use a 10 000 litre water truck to regularly wet the active internal unsealed roads.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
8.10	Seed topsoil stockpiles, acoustic bund walls and areas where landform preparation is complete to assist in stabilising the exposed surface.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
8.11	Minimise the drop heights between front-end loader buckets and trucks carrying sand/basalt or overburden through operator training and education on the management of dust.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
8.12	Cover all trucks carrying quarry products with approved covers and securely fix the tailgates to prevent windblown dust emission or spillages.	Visual site inspection conducted on 19 th November 2018.	Confirmed during site visit on November 19 th 2018.	Compliant
8.13	Undertake an air quality monitoring program to demonstrate compliance with the nominated goals. • Deposited dust at selected residences and strategic locations surrounding the Project Site. • Continuous wind speed and direction at the Project Site weather station.	Air Quality Monitoring Program dated September 2010 Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Monthly dust monitoring is undertaken, results provided in the Annual Return which was reviewed post audit. Sighted Air Quality Monitoring Program dated September 2010, Environmental Monitoring Program dated September 2010 and Annual Return (for the year 21st August 2017 – 20th August 2018). Note: A show cause notice was issued by EPA on 15 November 2016 relating to results from Sep 2015-July 2016. Response (disputed claim) submitted outlining what activities were undertaken during this time and no further action by the Department.	Compliant

9	Flora and Fauna			
Minimisation of long term impact on flora and fauna on and around the Project Site.				
9.1	Construct the Project Site infrastructure to avoid where possible, remnant stands of vegetation.	Noted		
9.2	Minimise clearing and consistent with operational requirements.	Noted		
9.3	Undertake vegetation clearing on a campaign basis to provide for immediate extraction operations.	Noted		
9.4	Clearly define all areas to be cleared.	Noted		
9.5	Construct any additional internal roads required on the cleared lands well away from stands of native vegetation.	Noted		
9.6	(Where practicable), directly transfer soil material and biomass stripped to completed sections of the final landform for spreading.	Noted		
9.7	Carry out, where possible, tree removal, especially the mature trees in late spring and early autumn to avoid spring nesting birds and over-wintering bats.	Noted		
9.8	Retain felled trees for use in rehabilitation of the final landform.	Noted		
9.9	Ensure the quality of water discharged from the Project Site has a neutral or beneficial impact on the downstream catchment.	Water Management Plan dated November 2017. Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted Water Management Plan dated November 2017, Environmental Monitoring Program dated September 2010 and Annual Return (for the year 21st August 2017 – 20th August 2018).	Compliant
9.10	Control noxious weeds at all times.	Noted		
9.11	Commence progressive rehabilitation of the open cut area, including establishment of Vegetation Offset Area as soon as possible.			Not Triggered
9.12	Undertake landscape plantings to screen the proposed quarry and associated facilities from view, stabilise the soils and drainage lines and provide habitat for fauna.	Landscape Management Plan dated Sep 2010.	Reviewed the Landscape Management Plan and it satisfies the requirements outlined in this condition.	Compliant
9.13	Maintain the existing fences around the remnant forest communities associated with the knolls on the “Ardmore Park” property.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co. Visual site inspection conducted 19 th & 20 th Nov 2018.	Reviewed the Environmental Management Strategy (EMS) and it satisfies the requirements outlined in this condition.	Compliant
10	Aboriginal Heritage			
Provide appropriate protection to identified Aboriginal artefacts.				
10.1	Ensure the in-situ protection of the identified artefacts through workforce education.	Site Induction Aboriginal Heritage Management Plan dated September 2010.	Sighted Site Induction and Aboriginal Heritage Management Plan dated September 2010.	Compliant
10.2	Apply for the relevant permit to undertake test pitting over the southern sand resource (in accordance with recommendations of AASC (2008)).	Aboriginal site recording card dated 9 October 2018, site ID 51-6-0841	Sighted Aboriginal site recording card dated 9 October 2018, site ID 51-6-0841	Compliant
	Minimise potential to impact upon unidentified Aboriginal artefacts.	Aboriginal Heritage Management Plan dated September 2010.	Sighted Site Induction and	Compliant

			Aboriginal Heritage Management Plan dated September 2010.	
10.3	Invite Aboriginal monitors to site to review the results of test pitting activities.	Archaeological Excavation Report dated Nov 2018 Aboriginal site recording card dated 9 October 2018, site ID 51-6-0841	Sighted Archaeological Excavation Report dated Nov 2018, prepared by OzArk Environmental & Heritage Management Pty Ltd and Aboriginal site recording card dated 9 October 2018, site ID 51-6-0841.	Compliant
10.4	Cease work at any area if further Aboriginal objects are uncovered during the course of the Project, and contact the OEH (NPWS) for advice.	Aboriginal Heritage Management Plan dated September 2010.	An incident involving a cultural heritage matter relating to roadworks undertaken occurred whereby an identified site may have been impacted. Works ceased immediately. A harm assessment was undertaken by a cultural heritage expert (Ozark). The OEH and DP&E were notified by the Environmental Officer (phone and email).	Compliant
Employees who are sensitive and respectful of possible identified Aboriginal sites and artefacts				
10.5	Conduct a Cultural Heritage Awareness Induction Course for staff, contractors and any heritage monitors working on the Project Site.	Site Induction (power point)	Sighted power point presentation given as part of the site induction and if necessary, refresher training for site personnel.	Compliant
Notification of Aboriginal Sites under Part 6 s91 NPWS Act.				
10.6	Supply formal site cards for all identified Aboriginal artefacts to the OEH Aboriginal Heritage Information Management System (AHIMS) Registrar.	Aboriginal site recording card dated 9 October 2018, site ID 51-6-0841	Sighted Aboriginal site recording card dated 9 October 2018, site ID 51-6-0841	Compliant
11	Non-Aboriginal Heritage			
Provide appropriate protection to site of non-Aboriginal heritage significance.				
11.1	Locate the Project Site entrance works at least 5.5m from the Larbert Tree and protect the tree from accidental damage during road construction and operation of the quarry	Visual site inspection undertaken 19 th and 20 th November 2018.	Visual site inspection undertaken 19 th and 20 th November 2018.	Compliant
11.2	Prepare a Cultural Heritage Management Plan (CHMP) for the project which would: • be prepared in consultation with the NSW Heritage Office • include an inventory of all listed heritage items locally; • provide opportunity for further research as to any physical evidence of the Old Argyle Road; • include a protocol for surface disturbing activities in the vicinity of the recorded location of the Old Argyle Road; and • include a protocol to be followed in the event that archaeological material is exposed as a result of surface disturbing activities.	Aboriginal Heritage Management Plan dated September 2010. Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted and review of the Aboriginal Heritage Management Plan conducted. No evidence of approval sighted however all plans were submitted. Approval has been assumed as the department has seen this plan and this plan is displayed on the company website. Site visit of locations listed in the AHMP was undertaken and is	Compliant

			consistent with the those listed in the AHMP.	
12	Visibility			
Reduce the impact of the project on the visual amenity of private and public vantage points.				
12.1	Orient the various components of the Project Site in such a way that the existing topographical features would offer maximum screening of the Project Site.	Visual site inspection undertaken 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
12.2	Minimise the extent of land disturbance / clearing in advance of extraction.	Noted		
12.3	Construct a 4m bund wall around the sand washing plant, along the internal product transport route and ultimately along the Project Site access road to the west of the "Ardmore Park" residence.	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
12.4	Seed the bund wall with native grass, shrub and tree species to act as an additional visual screen.	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
12.5	Plant out the elevated areas immediately west of the processing plants and internal road network as part of an ongoing commitment to re-establish areas of native vegetation (particularly those of the White Box Yellow Box Blakely's Red Gum Woodland community).	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
13	Soils, Land Capability and Agricultural Suitability			
Maintenance of soil value for rehabilitation and minimisation of soil loss through erosion.				
13.1	Strip topsoil and subsoil to the depths nominated in the EA. Only those areas required for immediate construction or extraction activities would be stripped.	Visual site inspection conducted on 19 th and 20 th November 2018.	Site visit confirmed that no stripping of soils was occurring outside of extraction activity areas. Compliance with topsoil and subsoil depths nominated in the EA could not be confirmed during the audit as these works were not being undertaken at time of audit.	Not Triggered
13.2	Provide mobile equipment operators with clear instructions to keep the topsoil and subsoil separate.		Environmental Officer advised that verbal instruction is provided by site management to operators prior to any topsoil or subsoil extraction works occur.	Compliant
13.3	Transfer and respread directly stripped soil materials directly over areas to be rehabilitated following the first 18 to 24 months of mine operations.	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
13.4	Stockpile soil away from natural surface drainage lines.	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
13.5	Seed any stockpile retained for in excess of three months with cereal and pasture species.		Stockpiles are not retained for more than 3 months.	Not Triggered
13.6	Cover long-term subsoil stockpiles with a cover of topsoil.	Noted		
13.7	Install erosion protection around soil stockpiles.	Water Management Plan dated November 2017. Erosion and Sediment Control Management Plan dated September 2017. Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Confirmed during site visit on 19 th and 20 th November 2018. Sighted Water Management Plan dated November 2017 and Erosion and Sediment Control Management Plan dated September 2017.	Compliant

13.8	Divert surface water flow away from soil stockpile areas.	Water Management Plan dated November 2017. Erosion and Sediment Control Management Plan dated September 2017. Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Confirmed during site visit on 19 th and 20 th November 2018. Sighted Water Management Plan dated November 2017 and Erosion and Sediment Control Management Plan dated September 2017.	Compliant
13.9	Monitor erosion from soil stockpiles or rehabilitated surfaces throughout the life of the Project with remedial works undertaken should erosion be observed.	Verbal.	Visual inspections of the site are undertaken by the Environmental Officer and or Quarry Manager on a daily basis.	Compliant
14	Bushfire Hazard			
Minimise potential for initiation of fire through combustion of fuel.				
14.1	Undertake refuelling within designated fuel bays or within cleared area of the Project Site.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018). Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted Pollution Incident and Response Management Plan Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile refueler collects from here and fills up plant etc as required.	Compliant
14.2	Turn vehicles off during refuelling.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Compliant
14.3	Enforce no smoking policy in designated areas of the Project Site.	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
14.4	Maintain fire extinguishers within site vehicles.	Visual site inspection conducted on 19 th and 20 th November 2018. Bushfire Management Plan dated August 2018.	Confirmed during site visit on 19 th and 20 th November 2018. All fire extinguishers have been checked and tagged First aid and fire extinguisher training is provided to staff.	Compliant
Manage potential and actual bushfire occurrences in accordance with local bushfire control plans.				
14.5	Prepare a Bushfire Management Plan for the Project.	Bushfire Management Plan dated August 2018.	Sighted Bushfire management plan. All fire extinguishers have been checked and tagged First aid and fire extinguisher training is provided to staff.	Compliant
14.6	Regularly liaise with Goulburn Mulwaree Council personnel in relation to bushfire hazard.	Minutes of community consultative committee dated 2 Nov 2018.	Sighted minutes of community consultative committee dated 2 Nov 2018. Council's representative (Scott Martin) was in attendance.	Compliant

Table B	Statement of Commitments for Transport Operations and Management			
1	Area of Activities			
All approved activities are undertaken in the area(s) nominated on the approved plans and figures (unless moved slightly to avoid individual trees).				
1.1	Peg the centre line of the Bungonia By-pass section of the transport route, specifically where a meander is to be created to avoid any mature native trees.	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
1.2	Survey and mark the boundaries of the areas of disturbance on the ground.	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
2	Operating Hours			
Management of transport operations in accordance with the approved operating hours				
2.1	Undertake road upgrade and construction operations within the hours of: 7.00am to 6.00pm / Monday to Friday and 7.00am to 1.00pm / Saturday.	No complaints relating to works conducted outside of stated hours received during road upgrade and construction phase	Road upgrade works and construction operations are completed.	Compliant
2.2	Ensure no truck exits the site before 7.00am Monday to Saturday or enters the site after 6.00pm Monday to Friday and 1.00pm Saturday.	Noise Monitoring Program prepared by Heggies, dated 13 May 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Driver Code of Conduct updated 9 January 2018 Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	No construction works are currently being undertaken on site. Quarrying works are not permitted to commence outside the prescribed times. All site personnel sign in and out via an electronic timeclock. Sighted Driver Code of Conduct updated 9 January 2018. Site induction for new site personnel includes operating hours (sighted induction video). All site personnel must complete the induction on a yearly basis. Quarry administration office maintains register of inductions.	Compliant
3	Waste Management			
Minimisation of general waste creation and maximisation of recycling, wherever possible.				
3.1	Collect all waste materials in temporary skip bin(s) at the construction / upgrade site and transfer to local landfill as required.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted EMS. Environmental Officer advised the following: - nothing has been imported to site. - Skip bin for all wastes. No recycling is undertaken yet this is under review. - Scrap metal is recycled - Southern oil collect oils - Tyres are stored on site	Compliant

			- Truck maintenance is carried out in Sydney unless it's a tyre repair or change.	
Minimisation of the potential risk of environmental impact due to waste creation, storage and/or disposal.				
3.2	Undertake all vehicle refuelling within a bunded area of the Project Site or protected area in the vicinity of the construction site.	Pollution Incident and Response Management Plan dated October 2014 (revised August 2018).	Sighted Pollution Incident and Response Management Plan Visual observation during site visit 19 th and 20 th November 2018. Diesel tank on site 50,000L capacity. Mobile refueler collects from here and fills up plant etc as required.	Compliant
3.3	Install temporary toilet and ablution facilities away from natural drainage lines.		No temporary toilets and or ablution facilities present on site.	Not Triggered
4	Rehabilitation			
The creation of a stable landform, available for the proposed future use(s) of agriculture and/or nature conservation.				
4.1	Stabilise earthworks, drainage lines and disturbed areas no longer required for project-related activities.	Noted		
4.2	Maintain aquatic and terrestrial habitat corridors along Bungonia Creek.	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
4.3	Avoid unnecessary disturbance to vegetation along the alignment of the Bungonia Bypass through the Crown land.	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
5	Transport Route Construction and Upgrading – see Figures A, B & C below			
Stage 1 Roadworks. The completion of the construction of the Bungonia Bypass and the completion of specified intersection upgrades (see Figure A below).				
5.1	Construct the Project Site entrance with Oallen Ford Road (see Detail A below).	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
5.2	Construct the Bungonia Bypass, including the crossing of Bungonia Creek (see Detail B below), as follows. • Two 2.5m lanes with 0.5m shoulder between Oallen Ford Road and the Crown land (see Detail E below). • Single lane bridge spanning Bungonia Creek as described in Section 3.2.4.5 and Figure 3.6 in the EA. • A single lane of 3.0m, with 0.5m shoulder on both sides, through the Crown land (see Detail F below). A pass-by bay would be included over already cleared land at both the Northern and Southern ends of this section of the by-pass.	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
5.3	Construct the intersections of the Bungonia Bypass with Oallen Ford Road (see Detail C below) and Mountain Ash Road (see Detail D below).	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
5.4	Upgrade the Mountain Ash Road – Jerrara Road intersection	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
5.5	Upgrade Water Course Crossing I as part of the Mountain Ash Road – Jerrara Road intersection upgrade (see Detail D below).	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant

5.6	Widen the carriageway of Jerrara Road at Water Course Crossings E (5.94km from the Hume Highway to accommodate an 8m sealed pavement).	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
5.7	Install "Give Way" signs on the southbound approach to Water Course Crossings: - B (3.16km from the Hume highway); - C (3.43km from the Hume Highway); - D (5.12km from the Hume Highway); and - G (9.72km from the Hume highway).	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
5.8	Install other road signage as required by Goulburn Mulwaree Council.	Bypass road construction drawings dated 1 st June 2010	Road works have been completed. Sighted Bypass road construction drawings dated 1 st June 2010	Compliant
Stage 2 Roadworks. The completion of pavement widening and public road upgrades (see Figure B below).				
5.9	The widening and minor realignment of the public roads of proposed transport route between the Project Site and the Hume Highway.	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
5.10	The upgrade of Water Course Crossings A, F and H.	Road Safety Audit Report prepared by Transport and Urban Planning Pty Ltd, dated 24 August 2018.	Sighted Road Safety Audit Report prepared by Transport and Urban Planning Pty Ltd, dated 24 August 2018.	Compliant
5.11	Rehabilitate those sections of pavement identified as having a pavement life of less than 10 years.		Task not yet completed.	Not Triggered
5.12	Complete centreline and edge marking over the entire length of the transport route	Road Safety Audit Report prepared by Transport and Urban Planning Pty Ltd, dated 24 August 2018.	Sighted Road Safety Audit Report prepared by Transport and Urban Planning Pty Ltd, dated 24 August 2018.	Compliant
Stage 3 Road Works. Completion of remaining water course crossing upgrades (see Figure C below).				
5.13	Upgrade Water Course Crossings: - B (3.16km from the Hume highway); - C (3.43km from the Hume Highway); - D (5.12km from the Hume Highway); and - G (9.72km from the Hume highway); to provide a sealed pavement crossing of 8.0m.	Road Safety Audit Report prepared by Transport and Urban Planning Pty Ltd, dated 24 August 2018.	Sighted Road Safety Audit Report prepared by Transport and Urban Planning Pty Ltd, dated 24 August 2018.	Compliant
5.14	Remove "Give Way" signs from the southbound approach to these crossings once the Stage 3 roadworks are completed.		Removal of give way signs not required. Give way signs never installed as water crossings were upgraded simultaneously to the general road widening works. Widths of water crossings therefore did not require approaching vehicles from one direction to give way to on-coming traffic as was originally envisaged.	Not Triggered
6	Product Transportation			
Product transportation is undertaken in such a manner as to minimise impacts for motorists travelling on the local road network and surrounding landholders and/or residents.				
6.1	Erect "Trucks Entering" signs on Oallen Ford Road on both the southbound and northbound approaches to the Project Site entrance and on Lumley Road 200m from the Project Site entrance.	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant
6.2	Establish a complaints register, advertised in the local telephone directory, to allow concerned residents to report any traffic related incidents, unsafe operation or general concern. Multiquip would thoroughly investigate all complaints.	Complaints Register	Complaints Register sighted. Is stored in company server.	Compliant

6.3	Restrict the number of truckloads exiting the Project Site to 10 per day until the Stage 2 road upgrade works are complete.	Traffic Management Plan dated August 2011 Driver Code of Conduct updated 9 January 2018 Bypass road construction drawings dated 1 st June 2010 Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Sighted and review of Traffic Management Plan dated August 2011, Driver Code of Conduct updated 9 January 2018 and bypass road construction drawings dated 1 st June 2010 was conducted. Advised by the Environmental Officer and Quarry Manager of the following: Stage 1 is completed. Stage 2 – completed, minor rectification works are to be undertaken in mid December 2018 for sign off of stage 2 Stage 3 – completed.	Compliant
6.4	Restrict the number of truckloads exiting the Project Site to 28 per day until the Stage 3 watercourse crossing upgrades are complete.	As above		Compliant
6.5	Following the completion of the Stage 3 roadworks (see Commitments 5.13 and 5.14) restrict the number of truckloads exiting the Project Site to 44 per day.	As above		Compliant
6.6	Adhere to the nominated hours of operation, i.e. no vehicles would arrive at the Project Site before 7:00am or leave the Project Site after 6:00pm.	As above		Compliant
6.7	Enforce driver adherence to all speed limits. • 80km/hr on public roads. • 60km/hr on the Bungonia Bypass.	As above		Compliant
6.8	Ensure each exiting truck uses an on-site weighbridge to ensure all legal weight restrictions are adhered to.	As above		Compliant
6.9	Use only vehicles which employ the most up to-date noise /emission reducing technology.	As above		Compliant
6.10	Cover all loads to minimise dust and particulate matter and debris emissions	As above		Compliant
6.11	Instruct all truck drivers to avoid the use of engine brakes when approaching the Project Site entrance.	As above		Compliant
6.12	Regularly service all trucks to ensure the power sound levels remain at or below the levels specified in the noise assessment for the EA.	As above		Compliant
6.13	Prepare and implement a transport Code of Conduct developed for the project. The Code of Conduct would require drivers to obey all traffic signs, speed zones and to operate in a safe and courteous manner at all times.	As above		Compliant
7	Surface Water			
Construction of appropriate roadside drainage.				
7.1	Complete specific roadside drainage upgrades as identified in Table 6.9 (in the EA).		Works have been completed at the time of this audit.	Not Triggered
7.2	Complete standard drainage upgrades on all drainage line crossings including: <ul style="list-style-type: none"> • extension of the pipes, culverts or bridges to facilitate the wider road; • raising of the pipe headwalls to accommodate higher batters; and/or • steepening batter slopes between the road pavement and the pipe headwall. 		Works have been completed at the time of this audit.	Not Triggered
7.3	Implement a standard suite of design measures on all piped and box culvert drainage line crossings, as follows.		Works have been completed at the time of this audit.	Not Triggered

	<ul style="list-style-type: none"> All pipes and culverts would be provided with inlet protection (in accordance with Chapter 5.4.3 of Landcom (2004)) made from locally- sourced rock cobbles; All pipes and culverts would be provided with outlet protection, i.e. energy dissipators (in accordance with Standard Drawing 5-8 of Landcom (2004)), made from locally- sourced rock cobbles. Excess accumulations of sediment or leaf litter would be removed from pipes and culverts as works progress. Where table drains discharge into watercourses or drainage depressions, the outlet point will be provided with scour protection in the form of riprap (or equivalent). Where drainage lines show evidence of gullyng deeper than 1.0m within 20m of the road crossing, batters would be graded back to 6H:1V and stabilised using appropriate erosion control measures and native vegetation would be planted in and around energy dissipation structures. 			
7.4	<p>(Where the general crossing design works would require the construction of, or remedial work to, fill batters), undertake the works as follows.</p> <ul style="list-style-type: none"> Prevent stormwater runoff from drain down the fill batters. Where unavoidable, direct the water as sheet flow over sections of the fill batter vegetated using a hydromulch or equivalent erosion control measures. Direct any concentrated flows via flumes constructed from suitably robust material, including flow arresting measures, and discharging onto an energy dissipater. Fill batters would not exceed 2H:1V gradients. Stabilise fill batters by compaction and use a hydromulch (or equivalent) to aid the establishment of grasses. Install sediment fencing 1m from the toe of any batters. 		Works have been completed at the time of this audit.	Not Triggered
7.5	Install table drains to manage stormwater runoff from the road pavement as specified by SEEC Morse McVey (2008).		Works have been completed at the time of this audit.	Not Triggered
Manage erosion and sediment control during the road upgrading and construction works.				
7.6	Minimise clearing of groundcover in advance of upgrading /construction activities.		Works have been completed at the time of this audit.	Not Triggered
7.7	Install sediment fencing, in accordance with Standard Drawing SD 6-8 of Landcom (2004) down-slope of any construction area until works are complete.		Works have been completed at the time of this audit.	Not Triggered
7.8	Strip and stockpile topsoil, in accordance with Standard Drawing SD 4-1 of Landcom (2004), for later re-use.		Works have been completed at the time of this audit.	Not Triggered
7.9	Maintain upslope catchment length of exposed soil areas below 80m. Any slope length exceeding 80m should have a diversion bank, constructed in accordance with Standard Drawing SD 5-5 of Landcom (2004), to direct overland flows onto well protected, vegetated lands.		Works have been completed at the time of this audit.	Not Triggered
7.10	Restrict construction traffic access to the minimum required for efficient operation of activities.		Works have been completed at the time of this audit.	Not Triggered
7.11	Construct diversion banks to divert “clean” runoff from upslope of any construction areas. Discharges would be onto a stabilised, well-vegetated area, preferably using a level spreader or sill.		Works have been completed at the time of this audit.	Not Triggered

7.12	Protect areas of concentrated flow (e.g. drainage pathways, table drains etc), using appropriate erosion control measures such as a biodegradable Rolled Erosion Control Product (RECP) (e.g. coconut fibre matting or jute matting).		Works have been completed at the time of this audit.	Not Triggered
7.13	Stabilise batters following construction or reshaping with vegetation.		Works have been completed at the time of this audit.	Not Triggered
7.14	Progressively establish a Vegetation Offset Area (VOA) as part of Project Site rehabilitation activities. The VOA would: <ul style="list-style-type: none"> cover an area of 14.7ha; be established through a combination of hand seeding and tube stock planting; focus plantings on the reinstated drainage lines and topographically lower areas of the Project Site; involve a mix of native Acacia, Eucalyptus and Casuarina species, specifically targeting the re-establishment of the White Box Yellow Box Blakely's Red Gum woodland community in some areas; be planted at a density of between 1 000 and 2 000 trees per hectare; be protected from stock by fencing for at least two years; be watered regularly to promote survival; and have signage erected identifying the area as a vegetation offset planting area for the management of water quality within the Sydney Drinking Water Catchment. 		Works have been completed at the time of this audit.	Not Triggered
8	Noise			
All transport operations are undertaken in such a manner as to reduce the noise level generated and minimise impacts on surrounding landholders and/or residents.				
8.1	Prevent product deliveries until construction of the Bungonia By- pass is complete.		Works have been completed at the time of this audit.	Not Triggered
8.2	Restrict product delivery truck movements to 20 per day until the road upgrading works are completed.		Works have been completed at the time of this audit.	Not Triggered
8.3	Adhere to the nominated hours of operation, i.e. no vehicles would arrive at the Project Site before 7:00am or leave the Project Site after 6:00pm.		Works have been completed at the time of this audit.	Not Triggered
8.4	Enforce driver adherence to all speed limits.		Works have been completed at the time of this audit.	Not Triggered
8.5	Use only vehicles which employ the most up to-date noise/emission reducing technology as part of transport fleet.		Works have been completed at the time of this audit.	Not Triggered
8.6	Instruct all truck drivers to avoid the use of engine brakes when approaching the Project Site entrance.		Works have been completed at the time of this audit.	Not Triggered
8.7	Regularly service all trucks to ensure the power sound levels remain at or below the levels specified in the noise assessment for the EA.		Works have been completed at the time of this audit.	Not Triggered
8.8	Ensure noise levels attributable to the construction and operation of the transport route (i.e. product transportation), complies with the nominated noise criteria at residences fronting the transport route, within Bungonia village and within audible range of the Bungonia By-pass.		Works have been completed at the time of this audit.	Not Triggered
9	Air Quality			
Transport Route construction and road upgrading activities are undertaken without exceeding EPA air quality criteria or goals.				
9.1	Minimise clearing ahead of construction.		Works have been completed at the time of this audit.	Not Triggered

9.2	Minimise the number of stockpiles and restrict access to a single working face.		Works have been completed at the time of this audit.	Not Triggered
9.3	Compact stockpiles as material is removed or added to stockpiles.		Works have been completed at the time of this audit.	Not Triggered
9.4	Restrict all vehicles to designated routes within the Bungonia By-pass construction area with a speed limit of 20km/h.		Works have been completed at the time of this audit.	Not Triggered
9.5	Clean dirt tracked onto the public road network.		Works have been completed at the time of this audit.	Not Triggered
Site activities are undertaken without exceeding EPA air quality criteria or goals.				
9.6	Stand down vehicles with smoky exhausts (more than 10 seconds) for maintenance.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	No visible air pollution was sighted during the site visit 19 th and 20 th November 2018. Water cart usage increases depending on time of year e.g. summer requires more frequency. Supervisors will also request additional cart usage if necessary. Crushers have a wetting mechanism (hose that connects to water cart) whereby the aggregate can be moistened during dry periods and if dust is being generated.	Compliant
9.7	(During hot, dry and/or windy conditions) limit topsoil stripping activities to that required for the ensuing days construction.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	No visible air pollution was sighted during the site visit 19 th and 20 th November 2018.	Compliant
9.8	Avoid stripping soil in periods of high wind.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	No visible air pollution was sighted during the site visit 19 th and 20 th November 2018.	Compliant
9.9	Apply water using a water cart to exposed surfaces.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	No visible air pollution was sighted during the site visit 19 th and 20 th November 2018. Water cart usage increases depending on time of year e.g. summer requires more frequency. Supervisors will also request additional cart usage if necessary.	Compliant
10	Flora and Fauna			
Minimisation of long term impact on flora and fauna on and around the Project Site.				
10.1	Minimise clearing and consistent with operational requirements.	Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co Landscape Management Plan dated Sep 2010.	Sighted Environmental Management Strategy (EMS) and Landscape Management Plan. Clearing works had been completed by the time of audit.	Compliant

10.2	Inspect trees to be cleared prior to clearing to ensure no native fauna is in residence at the time.	As above		Compliant
10.3	Undertake vegetation clearing on a campaign basis to provide for construction operations.	As above		Compliant
10.4	Clearly define all areas to be cleared.	As above		Compliant
10.5	Retain felled trees for use in rehabilitation of the final landform.	As above		Compliant
10.6	Construct appropriate drainage and erosion and sediment control features and implement procedures to prevent water containing high sediment levels from discharging from the transport route.	As above		Compliant
10.7	Control noxious weeds at all times.	As above		Compliant
11	Aboriginal Heritage			
Provide appropriate protection to identified Aboriginal artefacts.				
11.1	Ensure the in-situ protection of the identified artefacts through workforce education.	Repeated. Refer to item 10.1.		
11.2	Align the Bungonia By-pass to avoid the identified sites containing Aboriginal artefacts.	<p>Aboriginal Heritage Management Plan dated September 2010.</p> <p>Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.</p> <p>Bypass road construction drawings dated 1st June 2010</p> <p>Visual site inspection undertaken 20th November 2018.</p>	<p>Sighted and review of the Aboriginal Heritage Management Plan and Bypass road construction drawings dated 1st June 2010.</p> <p>Site visit of locations listed in the AHMP was undertaken and is consistent with the those listed in the AHMP.</p>	Compliant
11.3	Apply for the relevant permit to undertake test pitting over BPAD1 (in accordance with the recommendations of AASC (2008)).	<p>Aboriginal Heritage Management Plan dated September 2010.</p> <p>Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.</p> <p>Visual site inspection undertaken 20th November 2018.</p>	<p>Sighted and review of the Aboriginal Heritage Management Plan conducted. No evidence of approval sighted however all plans were submitted.</p> <p>Approval has been assumed as the department has seen this plan and this plan is displayed on the company website.</p> <p>Site visit of locations listed in the AHMP was undertaken and is consistent with the those listed in the AHMP.</p>	Compliant
Minimise potential to impact upon unidentified Aboriginal artefacts.				
11.4	Invite Aboriginal monitors to site to review results of test pitting activities	Repeated. Refer to item 10.3		
11.5	Cease work at any area if further Aboriginal objects are uncovered during the course of the project, and contact the OEH (NPWS) for advice.	Repeated. Refer to item 10.4		
Employees who are sensitive and respectful of possible identified Aboriginal sites and artefacts.				

11.6	Conduct a Cultural Heritage Awareness Induction Course for staff, contractors and any heritage monitors working on the Project Site.	Repeated. Refer to item 10.5
Notification of Aboriginal Sites under Part 6 s91 NPWS Act.		
11.7	Supply formal site cards for all identified Aboriginal artefacts to the OEH Aboriginal Heritage Information Management System (AHIMS) Registrar.	Repeated. Refer to item 10.6

Audit Table

Environment Protection Licence 13213 (6 Aug 2018)

Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings and Recommendations	Compliance Status									
1	Administrative Conditions												
A1	What the licence authorises and regulates												
A1.1	This licence authorises the carrying out of the scheduled development work listed below at the premises listed in A2: Construction and testing of infrastructure, plant and equipment for quarrying operations.	Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018.	Compliant									
A1.2	This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation. Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition. <table border="1" data-bbox="241 619 1142 842"> <thead> <tr> <th>Scheduled Activity</th> <th>Fee Based Activity</th> <th>Scale</th> </tr> </thead> <tbody> <tr> <td>Crushing, grinding or separating</td> <td>Crushing, grinding or separating</td> <td>> 100000 - 500000 T annual processing capacity</td> </tr> <tr> <td>Extractive activities</td> <td>Land-based extractive activity</td> <td>> 100000 - 500000 T annual capacity to extract, process or store</td> </tr> </tbody> </table>	Scheduled Activity	Fee Based Activity	Scale	Crushing, grinding or separating	Crushing, grinding or separating	> 100000 - 500000 T annual processing capacity	Extractive activities	Land-based extractive activity	> 100000 - 500000 T annual capacity to extract, process or store	Extraction Return Form Annual Return (for the year 21st August 2017 – 20th August 2018). Visual site inspection conducted on 19 th and 20 th November 2018.	Confirmed during site visit on 19 th and 20 th November 2018. Sighted extraction return form and Annual Return.	Compliant
Scheduled Activity	Fee Based Activity	Scale											
Crushing, grinding or separating	Crushing, grinding or separating	> 100000 - 500000 T annual processing capacity											
Extractive activities	Land-based extractive activity	> 100000 - 500000 T annual capacity to extract, process or store											
A2	Premises or plant to which this licence applies												
A2.1	The licence applies to the following premises: "ARDMORE PARK" QUARRY 5152 OALLEN FORD ROAD BUNGONIA, NSW 2580 LOT 24 DP 1001312	Noted											
A3	Information supplied to the EPA												
A3.1	Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence. In this condition the reference to "the licence application" includes a reference to: a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.	Noted											

2	Discharges to Air and Water and Applications to Land																								
P1	Location of monitoring/discharge points and areas																								
P1.1	<p>The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.</p> <p style="text-align: center;">Air</p> <table border="1" data-bbox="237 245 1205 480"> <thead> <tr> <th>EPA identification no.</th> <th>Type of Monitoring Point</th> <th>Type of Discharge Point</th> <th>Location Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dust Monitoring Point</td> <td></td> <td>"Inverary Park" 550 Inverary Road, Bungonia, NSW 2580</td> </tr> <tr> <td>2</td> <td>Dust Monitoring Point</td> <td></td> <td>"The Osiers" 5028 Oallen Ford Road, Bungonia, NSW 2580</td> </tr> <tr> <td>3</td> <td>Dust Monitoring Point</td> <td></td> <td>"Lochmoor Lodge" 5046 Oallen Ford Road, Bungonia, NSW 2580</td> </tr> <tr> <td>4</td> <td>Dust Monitoring Point</td> <td></td> <td>The primary private residence at 5199 Oallen Ford Road, Bungonia, NSW 2580</td> </tr> </tbody> </table> <p>Note: Monitoring points 1 to 4 are as detailed in the "Ardmore Park Air Quality Management Plan", prepared by R.W. Corkery & Co. Pty Limited, July 2013.</p>		EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description	1	Dust Monitoring Point		"Inverary Park" 550 Inverary Road, Bungonia, NSW 2580	2	Dust Monitoring Point		"The Osiers" 5028 Oallen Ford Road, Bungonia, NSW 2580	3	Dust Monitoring Point		"Lochmoor Lodge" 5046 Oallen Ford Road, Bungonia, NSW 2580	4	Dust Monitoring Point		The primary private residence at 5199 Oallen Ford Road, Bungonia, NSW 2580	<p>Air Quality Monitoring Program. Air quality database Envirolab certificate</p>	<p>Reference to Ardmore Park Air Quality Management Plan dated July 2013 is incorrect as the only plan used is September 2010.</p> <p>Four locations stipulated are being monitored. Sighted Air Quality Monitoring Program. An additional dust gauge has been installed on site nearest the property boundary to "Inverary Park" as a pro-active measure.</p> <p>Sighted air quality database used by Site Environment Officer which outlines monitoring results.</p> <p>Sighted Envirolab certificate of analysis dated 4 Nov 2018.</p>	Compliant
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description																						
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4	Dust Monitoring Point		The primary private residence at 5199 Oallen Ford Road, Bungonia, NSW 2580																						
P1.2	<p>The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.</p>		Noted																						
P1.3	<p>The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.</p> <p style="text-align: center;">Water and land</p> <table border="1" data-bbox="237 906 1216 1190"> <thead> <tr> <th>EPA Identification no.</th> <th>Type of Monitoring Point</th> <th>Type of Discharge Point</th> <th>Location Description</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Groundwater monitoring point. Hard rock bore.</td> <td></td> <td>BHAP1</td> </tr> <tr> <td>6</td> <td>Groundwater monitoring point. Hard rock bore.</td> <td></td> <td>BHAP5</td> </tr> <tr> <td>7</td> <td>Groundwater monitoring point. Hard rock bore.</td> <td></td> <td>BHAP6</td> </tr> <tr> <td>8</td> <td>Groundwater monitoring point. Hard rock bore.</td> <td></td> <td>BHAP10</td> </tr> </tbody> </table>		EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description	5	Groundwater monitoring point. Hard rock bore.		BHAP1	6	Groundwater monitoring point. Hard rock bore.		BHAP5	7	Groundwater monitoring point. Hard rock bore.		BHAP6	8	Groundwater monitoring point. Hard rock bore.		BHAP10	Updated Water Management Plan (2 nd Nov 2017)	<p>Updated Water Management Plan (2nd Nov 2017) sighted. Has been approved by Planning and Environment</p> <p>Monitoring locations are same as per the Ardmore Park Water Management Plan dated August 2010.</p> <p>Sighted Envirolab certificate of analysis 199950 dated 3 Oct 2018.</p> <p>Western spring (point 17) always runs dry and therefore collection of samples has been impossible.</p>	Compliant
EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description																						
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3	Limit Conditions																														
L1	Pollution to waters																														
L1.1	Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.	Noted																													
L2	Waste																														
L2.1	<p>The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below. Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below. Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below. This condition does not limit any other conditions in this licence.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Waste</th> <th>Description</th> <th>Activity</th> <th>Other Limits</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>Virgin excavated natural material</td> <td>As defined in Schedule 1 of the POEO Act, in force from time to time.</td> <td>Waste disposal (application to land) Waste storage</td> <td></td> </tr> </tbody> </table>	Code	Waste	Description	Activity	Other Limits	NA	Virgin excavated natural material	As defined in Schedule 1 of the POEO Act, in force from time to time.	Waste disposal (application to land) Waste storage			No waste is received at the premises.	Not Triggered																	
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NA	Virgin excavated natural material	As defined in Schedule 1 of the POEO Act, in force from time to time.	Waste disposal (application to land) Waste storage																												
L3	Noise Limits																														
L3.1	Noise generated at the premises must not exceed the noise limits presented in the table below:	Noise Monitoring Program prepared by Heggies, dated 13 May 2010.	A pollution reduction program was added to EPL by EPA in 2018. This program was prepared by Benbow Enviro.	Compliant																											

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Noise Assessment Location	Address	LAeq (15 minute)																													
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L3.2	Noise generated by the project is to be measured in accordance with the relevant requirements of the NSW Industrial Noise Policy.	Noted																													
L4	Hours of Operation																														
L4.1	<p>The licensee must comply with the operating hours in the Table below:</p> <table border="1"> <thead> <tr> <th>Activity</th> <th>Day</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Construction Work</td> <td>Monday - Friday</td> <td>7.00am to 6.00pm</td> </tr> <tr> <td>Saturday</td> <td>8.00am to 1.00pm</td> </tr> <tr> <td>Sunday and Public Holidays</td> <td>None</td> </tr> <tr> <td rowspan="3">Quarrying, processing (including overburden removal) and product transportation</td> <td>Monday - Friday</td> <td>7.00am to 6.00pm</td> </tr> <tr> <td>Saturday</td> <td>7.00am to 1.00pm</td> </tr> <tr> <td>Sunday and Public Holidays</td> <td>None</td> </tr> </tbody> </table>	Activity	Day	Time	Construction Work	Monday - Friday	7.00am to 6.00pm	Saturday	8.00am to 1.00pm	Sunday and Public Holidays	None	Quarrying, processing (including overburden removal) and product transportation	Monday - Friday	7.00am to 6.00pm	Saturday	7.00am to 1.00pm	Sunday and Public Holidays	None	<p>Noise Monitoring Program prepared by Heggies, dated 13 May 2010.</p> <p>Annual Return (for the year 21st August 2017 – 20th August 2018).</p> <p>Driver Code of Conduct updated 9 January 2018</p> <p>Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.</p>	<p>No construction works are currently being undertaken on site.</p> <p>Quarrying works are not permitted to commence outside the prescribed times. All site personnel sign in and out via an electronic timeclock. Sighted Driver Code of Conduct updated 9 January 2018</p> <p>Site induction for new site personnel includes operating hours (sighted induction video). All site personnel must complete the induction on a yearly basis. Quarry administration office maintains register of inductions.</p>	Compliant										
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4	Operating Conditions			
O1	Activities must be carried out in a competent manner			
O1.1	Licensed activities must be carried out in a competent manner. This includes: a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.	Site Management Plans Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted management plans, Annual Return, Environmental Monitoring Program,	Compliant
O2	Maintenance of plant and equipment			
O2.1	All plant and equipment installed at the premises or used in connection with the licensed activity: a) must be maintained in a proper and efficient condition; and b) must be operated in a proper and efficient manner.	Preventative Maintenance Listing	Mex is a computer software program used on site which flags when servicing is required. Pre-start checks are conducted daily and information entered into Mex. Sighted 'preventative maintenance listing' which contains all the necessary information relating to vehicle servicing schedule and maintenance.	Compliant
O3	Dust			
O3.1	The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.	Visual site inspection conducted November 19 th and 20 th 2018. Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	No visible air pollution was sighted during the site visit 19 th and 20 th November 2018. Water cart usage increases depending on time of year e.g. summer requires more frequency. Supervisors will also request additional cart usage if necessary. Crushers have a wetting mechanism (hose that connects to water cart) whereby the aggregate can be moistened during dry periods and if dust is being generated.	Compliant
O4	Processes and management			
O4.1	The activities carried out at the premises must be undertaken in accordance with the "Ardmore Park Quarry Water Management Plan", prepared by R.W. Corkery & Co. Pty Limited, Strategic Environmental and Engineering Consulting and Larry Cook & Associates Pty Ltd August, 2010.	Water Management Plan dated November 2017.	Updated Water Management Plan (2 nd Nov 2017) sighted. Has been approved by Planning and Environment.	Compliant
5	Monitoring and Recording Conditions			
M1	Monitoring records			
M1.1	The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.	Annual Return (for the year 21st August 2017 – 20th August 2018).		Compliant

M1.2	All records required to be kept by this licence must be: a) in a legible form, or in a form that can readily be reduced to a legible form; b) kept for at least 4 years after the monitoring or event to which they relate took place; and c) produced in a legible form to any authorised officer of the EPA who asks to see them.	Noise monitoring results (April) Water monitoring results (Envirolab)	Sighted monitoring results	Compliant								
M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence: a) the date(s) on which the sample was taken; b) the time(s) at which the sample was collected; c) the point at which the sample was taken; and d) the name of the person who collected the sample.	Noise monitoring results (April) Water monitoring results (Envirolab) Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted monitoring results	Compliant								
M2	Requirement to monitor concentration of pollutants discharged											
M2.1	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:	Noted										
M2.2	Air Monitoring Requirements POINT 1,2,3,4 <table border="1" data-bbox="300 676 1205 772"> <thead> <tr> <th>Pollutant</th> <th>Units of measure</th> <th>Frequency</th> <th>Sampling Method</th> </tr> </thead> <tbody> <tr> <td>Particulates - Deposited Matter</td> <td>grams per square metre per month</td> <td>Monthly</td> <td>Australian Standard 3580.10.1-2003</td> </tr> </tbody> </table>	Pollutant	Units of measure	Frequency	Sampling Method	Particulates - Deposited Matter	grams per square metre per month	Monthly	Australian Standard 3580.10.1-2003	Air Quality Monitoring Program dated September 2010 Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018). Environmental Management Strategy (EMS) dated August 2011, prepared by RW Corkery & Co.	Monthly dust monitoring is undertaken, results provided in the Annual Return which was reviewed post audit. Sighted Air Quality Monitoring Program dated September 2010, Environmental Monitoring Program dated September 2010 and Annual Return (for the year 21st August 2017 – 20th August 2018).	Compliant
Pollutant	Units of measure	Frequency	Sampling Method									
Particulates - Deposited Matter	grams per square metre per month	Monthly	Australian Standard 3580.10.1-2003									
M2.3	Water and/ or Land Monitoring Requirements	Water Management Plan (2 nd Nov 2017) Environmental Monitoring Program dated September 2010 Annual Return (for the year 21st August 2017 – 20th August 2018).	Updated Water Management Plan (2 nd Nov 2017) sighted. Has been approved by Planning and Environment. Monitoring locations are same as per the Ardmore Park Water Management Plan dated august 2010. Sighted Envirolab certificate of analysis 199950 dated 3 oct 2018. Western spring (point 17) always runs dry and therefore samples cant be collected	Compliant								

POINT 5,6,7,8

Pollutant	Units of measure	Frequency	Sampling Method
Calcium	milligrams per litre	Yearly	Grab sample
Chloride	milligrams per litre	Yearly	Grab sample
Electrical conductivity	deciSiemens per metre	Yearly	Grab sample
Iron	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Yearly	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
pH	pH	Yearly	Grab sample
Potassium	milligrams per litre	Yearly	Grab sample
Sodium	milligrams per litre	Yearly	Grab sample
Sulfate	milligrams per litre	Yearly	Grab sample
Total dissolved solids	milligrams per litre	Yearly	Grab sample

POINT 5,6,7,8,9,10,11,12,13,14

Pollutant	Units of measure	Frequency	Sampling Method
Standing Water Level	metres (Australian Height Datum)	Monthly	In situ

POINT 9,10,11,12,13,14,15,16,17

Pollutant	Units of measure	Frequency	Sampling Method
Benzene	milligrams per litre	Quarterly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Electrical conductivity	deciSiemens per metre	Quarterly	Grab sample
Ethyl benzene	milligrams per litre	Quarterly	Grab sample
Iron	milligrams per litre	Quarterly	Grab sample
Magnesium	milligrams per litre	Quarterly	Grab sample
Manganese	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	Grab sample
Potassium	milligrams per litre	Quarterly	Grab sample
Sodium	milligrams per litre	Quarterly	Grab sample
Sulfate	milligrams per litre	Quarterly	Grab sample
Toluene	milligrams per litre	Quarterly	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Quarterly	Grab sample
Xylene	milligrams per litre	Quarterly	Grab sample

POINT 15,16,17

Pollutant	Units of measure	Frequency	Sampling Method
Flow	litres per day	Monthly	In situ

M3	Testing methods - concentration limits																														
M3.1	<p>Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:</p> <p>a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or</p> <p>b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or</p> <p>c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.</p> <p>Note: The Protection of the Environment Operations (Clean Air) Regulation 2010 requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".</p>	As above	As above	Compliant																											
M3.2	Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.	Noted																													
M4	Weather monitoring																														
M4.1	<p>The licensee shall ensure that a meteorological station is in operation at the premises which is capable of continuously recording the meteorological parameters in the following table:</p> <table border="1" data-bbox="235 810 1198 1189"> <thead> <tr> <th>Measured Parameter</th> <th>Unit</th> <th>Sample interval</th> </tr> </thead> <tbody> <tr> <td>Average temperature</td> <td>Degrees</td> <td>10 minutes</td> </tr> <tr> <td>Average relative humidity</td> <td>Percent</td> <td>10 minutes</td> </tr> <tr> <td>Rainfall (10 minute)</td> <td>mm</td> <td>10 minutes</td> </tr> <tr> <td>Aggregate rainfall</td> <td>mm</td> <td>10 minutes</td> </tr> <tr> <td>Average wind speed</td> <td>km/h</td> <td>10 minutes</td> </tr> <tr> <td>Std wind speed</td> <td>km/h</td> <td>10 minutes</td> </tr> <tr> <td>Average wind direction</td> <td>Degrees</td> <td>10 minutes</td> </tr> <tr> <td>Sigma Theta</td> <td>Degrees</td> <td>10 Minutes</td> </tr> </tbody> </table>	Measured Parameter	Unit	Sample interval	Average temperature	Degrees	10 minutes	Average relative humidity	Percent	10 minutes	Rainfall (10 minute)	mm	10 minutes	Aggregate rainfall	mm	10 minutes	Average wind speed	km/h	10 minutes	Std wind speed	km/h	10 minutes	Average wind direction	Degrees	10 minutes	Sigma Theta	Degrees	10 Minutes	Environmental Monitoring Program dated September 2010. Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted weather station, Environmental Monitoring Program dated September 2010 and Annual Return. Information from weather station can be downloaded by Environmental Officer at any time. Data is checked weekly. Installed by carbon base.	Compliant
Measured Parameter	Unit	Sample interval																													
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Sigma Theta	Degrees	10 Minutes																													
M5	Recording of pollution complaints																														
	The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.	Complaints Register	Complaints Register sighted. Is stored in company server.	Compliant																											
	<p>The record must include details of the following:</p> <p>a) the date and time of the complaint;</p> <p>b) the method by which the complaint was made;</p> <p>c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;</p> <p>d) the nature of the complaint;</p>	Complaints Register	Complaints Register sighted. Is stored in company server.	Compliant																											

	e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and f) if no action was taken by the licensee, the reasons why no action was taken.			
M5.1	The record of a complaint must be kept for at least 4 years after the complaint was made.	Noted		
M5.2	The record must be produced to any authorised officer of the EPA who asks to see them.	Noted		
M6	Telephone complaints line			
M6.1	The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.	Displayed sign at entrance to site. Company website	Environmental complaints line – displayed on signage at entry to site and on company website. Nearby residents have direct contact details for Alex and will call him directly.	Compliant
	The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.	Displayed sign at entrance to site. Company website	Environmental complaints line – displayed on signage at entry to site and on company website. Nearby residents have direct contact details for Alex and will call him directly.	Compliant
	The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.	Noted		
6	Reporting Conditions			
R1	Annual Return documents Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period. Note: An application to transfer a licence must be made in the approved form for this purpose.	Noted		
R1.1	The licensee must complete and supply to the EPA an Annual Return in the approved form comprising: 1. a Statement of Compliance, 2. a Monitoring and Complaints Summary, 3. a Statement of Compliance - Licence Conditions, 4. a Statement of Compliance - Load based Fee, 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan, 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and 7. a Statement of Compliance - Environmental Management Systems and Practices. At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.	Pollution Incident Response Management Plan (PRIMP) Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted Annual Return and PRIMP PRIMP was reviewed and tested. Sighted Aug 2018. PRIMP is reviewed annually.	Compliant
R1.2	An Annual Return must be prepared in respect of each reporting period, except as provided below.	Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted Annual Return	Compliant
R1.3	Where this licence is transferred from the licensee to a new licensee: a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.			Not Triggered

R1.4	Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on: a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.			Not Triggered
R1.5	The Annual Return for the reporting period must be supplied to the EPA via eConnect EPA or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').	Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted Annual Return	Compliant
R1.6	The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.	Noted		
R1.7	Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by: a) the licence holder; or b) by a person approved in writing by the EPA to sign on behalf of the licence holder.	Annual Return (for the year 21st August 2017 – 20th August 2018).	Sighted Annual Return	Compliant
R2	Notification of environmental harm			
	Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.	Noted. No incidents causing or threatening material harm to the environment have occurred.		
R2.1	Notifications must be made by telephoning the Environment Line service on 131 555.	Noted. No incidents causing or threatening material harm to the environment have occurred.		
R2.2	The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.	Noted. No incidents causing or threatening material harm to the environment have occurred.		
R3	Written Report			
R3.1	Where an authorised officer of the EPA suspects on reasonable grounds that: a) where this licence applies to premises, an event has occurred at the premises; or b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.		No requests for a written report have been received.	Not Triggered
R3.2	The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.		No requests for a written report have been received.	Not Triggered
R3.3	The request may require a report which includes any or all of the following information: a) the cause, time and duration of the event; b) the type, volume and concentration of every pollutant discharged as a result of the event; c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event; d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort; e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants; f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and g) any other relevant matters.		No requests for a written report have been received.	Not Triggered

R3.4	The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.		No requests for a written report have been received.	Not Triggered
7	General Conditions			
G1	Copy of licence kept at the premises or plant			
G1.1	A copy of this licence must be kept at the premises to which the licence applies.	Licence	Sighted copy of licence.	Compliant
G1.2	The licence must be produced to any authorised officer of the EPA who asks to see it.	Noted		
G1.3	The licence must be available for inspection by any employee or agent of the licensee working at the premises.	Noted		
8	Pollution Studies and Reduction Programs			
U1	Ardmore Park Quarry Noise Assessment Program			
U1.1	The licensee must undertake a noise assessment of the quarry operations excluding hard rock processing (unless condition U1.1a below applies), including an assessment of all noise-emitting machinery used at the premises and determine if any equipment and/or operation is causing exceedances of the licence noise limits in condition L3.1. The noise assessment must include activities undertaken during all hours of operation as permitted by the licence and must be representative of current maximum levels of production at the premises.	Pollution reduction program Noise Assessment Results	Pollution reduction program PRP introduced to EPL 13213 in August 2018 partly due to concerns regarding noise emissions from the quarry operation. Sighted report prepared 19th December 2018 by Benbow Environmental summarising results of September and December noise monitoring. All monitoring results indicated compliance. Final report to be published by the end of 2018 to the NSW EPA. September assessment has been completed. Peter Gangemi conducted it. Results compliant.	Compliant
U1.1a	If the licensee achieves compliance with Project Approval 07_0155 prior to the commencement of the noise assessment described in Condition U1.1, the hard rock processing operations must be included in the noise assessment.	As above		Compliant
U1.2	The assessment referred to in Condition U1.1 must include attended measurements for two separate full days (a minimum of 12, 15-minute measurements per day) at sensitive receiver locations Residence 3 and Residence 6 as described in condition L3.1 of the licence. One full day of measurements must be conducted within the month of September 2018, and the second full day of measurements must be conducted within the month of December 2018.	As above		Compliant
U1.3	The assessment must be prepared by a suitably qualified and experienced acoustical practitioner and be undertaken in accordance with the NSW Industrial Noise Policy.	As above		Compliant
U1.4	The licensee must nominate in writing to the EPA by no later than 27 August 2018, a 14-day period in both September 2018 and December 2018 in which each noise assessment is proposed to be undertaken.	As above		Compliant
U1.5	The licensee must provide a minimum of 48 hours' notice to the EPA of the day of the intended assessment required in accordance with Condition U1.2.	Notification email to EPA dated 12 November 2018	Sighted email submitted to Michael Heinze from the EPA dated 12 November 2018, notifying them	Compliant

			that the assessment is being undertaken.	
U1.6	If the 14-day noise assessment windows nominated through Condition U1.4 are to be varied, the licensee must notify the EPA of such changes no later than 5 days prior to the commencement of the nominated relevant 14-day period.	Noted		
U1.7	If the assessment identifies exceedances of the noise limits in Condition L3.1, the assessment referred to in Condition U1.1 must include a strategy for a reduction in noise impacts at surrounding sensitive receivers to comply with licence noise limits. This strategy must detail what actions will be taken at the premises including, but not limited to, potential relocation of noise sources, operational arrangements to avoid unnecessary noise impacts at sensitive receivers, a timeframe for implementation of management measures, and short-term options which can be implemented immediately to reduce noise impacts.	Noted		
U1.8	The assessment referred to in Condition U1.1 must be completed by 31 December 2018 and a report outlining the finding of the assessment must be submitted to the EPA no later than 31 December 2018. The report must be submitted to: The Regional Manager Operations EPA PO Box 622 Queanbeyan NSW 2620 or queanbeyan@epa.nsw.gov.au Note: Following the receipt of the noise assessment, the EPA will require the implementation of all reasonable and feasible measures as identified by the noise assessment. The EPA will also require a compliance noise assessment to be undertaken annually during periods of normal operations.		Not triggered at the time of audit.	Not Triggered

Appendix C

Independent Audit Declaration

Project Name: Ardmore Park Quarry

Consent Number: PA 07_0155 (MOD 2)

Description of Project: Ardmore Park Quarry has approval to extract up to 400,000 tonnes of washed and hard rock material annually.

Project Address: 5152 Oallen Ford Road, Bungonia

Proponent: CEAL Limited (trading as Multiquip Quarries)

Title of Audit: Independent Audit Report

Date: 14 January 2019

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:

- ✓ the audit has been undertaken in accordance with relevant condition(s) of consent and the Independent Audit Post Approval Requirements (Department 2018);
- ✓ the findings of the audit are reported truthfully, accurately and completely;
- ✓ I have exercised due diligence and professional judgement in conducting the audit;
- ✓ I have acted professionally, objectively and in an unbiased manner;
- ✓ 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;
- ✓ 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;
- ✓ 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
- ✓ 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.

Notes:

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

Name of Auditor: Lahnne Ward

Signature:



Qualification: Bachelor of Health Environmental Science, Master of Engineering, Certified Auditor

Company: Groundwork Plus Pty Ltd

Company Address: 6 Mayneview Street, Milton, QLD 4064