

Prepared for Groundwork Plus

2024 Independent Environmental Audit Report

Coraki Quarry SSD 7036

May 2024

Project Number: 230826

Document verification

Project Title:	Coraki Quarry SSD 7036
Project Number:	230826
Project File Name:	230826 Coraki Quarry 2024 IEA Report Final v2.0

Revision	Date	Prepared by	Approved by
Draft v1.0	26/04/2024	Whitney Heiniger	Natascha Arens
Final v1.0	10/05/2024	Whitney Heiniger	Natascha Arens
Final v2.0	28/05/2024	Whitney Heiniger	Natascha Arens

NGH Pty Ltd is committed to environmentally sustainable practices, including fostering a digital culture and minimising printing. Where printing is unavoidable, NGH prints on 100% recycled paper.

Table of contents

1. Introduction.....	1
1.1. Background.....	1
1.2. Audit team.....	1
1.3. Objectives	1
1.4. Audit scope	1
1.5. Audit period	2
2. Audit methodology	3
2.1. Auditor approval.....	3
2.2. Audit process.....	3
2.3. Audit interviews	3
2.4. Site inspection	3
2.5. Consultation	4
2.6. Compliance status descriptors.....	5
3. Audit findings.....	6
3.1. Document list.....	6
3.2. Compliance performance	7
3.3. Non-compliant findings	8
3.4. Notices, orders and prosecutions.....	8
3.5. Previous audits.....	9
3.6. Environmental Management Plans	11
3.7. Environmental performance	12
3.8. Consultation feedback.....	13
3.9. Complaints	13
3.10. Incidents	13
4. Recommendations	14
4.1. Recommended actions	14
4.2. Opportunities for improvement.....	14

Tables

Table 2-1 Compliance status descriptors used during the audit process.....	5
Table 3-1 Compliance summary for the reporting period	7
Table 3-2 Non-compliant findings from the 2021 IEA and their status as observed during this audit	9

Appendices

Appendix A Audit table.....	A-I
Appendix B DPHI Auditor approval	B-I
Appendix C Consultation	C-II
Appendix D Independent Auditor Declaration	D-II
Appendix E Site inspection photos	E-II
Appendix F RVC Development Application DA2022/0250.....	F-II

Acronyms and abbreviations

ASL	Above sea level
AWS	Automatic weather station
BoM	Australian Bureau of Meteorology
CoA	Condition of Approval
DPE	Department of Planning and Environment (NSW) (now DPHI)
DPHI	Department of Planning, Housing and Infrastructure (NSW) (formerly DPE)
EA	Environmental Assessment
EMS	Environmental Management Strategy
EPA	Environment Protection Authority
EPL	Environment Protection Licence
IEA	Independent Environmental Audit
ISO	International Organisation for Standardisation
KIS	KIS Quarries
Mod	Modification
NSW	New South Wales
PA	Project Approval
PIRMP	Pollution Incident Response Management Plan
RVC	Richmond Valley Council
SSD	State Significant Development

1. Introduction

1.1. Background

KIS Quarries (KIS) operates Coraki Quarry, located adjacent to Seelems Road and Petersons Quarry Road, Coraki New South Wales (NSW). The project was approved on the 18 April 2016 under State Significant Development (SSD) approval SSD-7036. The approval allows the extraction and processing of up to 1 million tonnes of quarry products per year until June 2025.

1.2. Audit team

A team of environmental auditing professionals from NGH was approved for the audit by the Department of Planning, Housing and Infrastructure (DPHI) (Appendix B). Natascha Arens was approved as Lead Auditor. Natascha has over 30 years' experience as an environmental professional and auditor and oversaw the audit process.

The site inspection and reporting was completed by Whitney Heiniger. Whitney has over five years of experience as an environmental professional, including internal and external auditing, and has completed training as a Lead Auditor in Environmental Management Systems ISO 14001:2015 and ISO 19011:2018.

1.3. Objectives

As detailed in Schedule 5 Condition 10 of the approval, KIS is required to undertake an Independent Environmental Audit of the Coraki Quarry every three years (from October 2016). The objective of the audit is to assess compliance against the consent conditions and the Environment Protection Licence (EPL).

This audit objectives are to:

- Undertake the audit in consultation with the relevant agencies;
- Assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent and any relevant EPL or necessary water licences for the development (including any assessment, strategy, plan or program required under these approvals)
- Review the adequacy of strategies, plans or programs required under the abovementioned approvals
- Recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy plan or program required under the abovementioned approvals
- Be conducted and reported to the satisfaction of the Secretary.

1.4. Audit scope

As required under SSD-7036, the audit scope included:

- Assessment of compliance with the conditions of approval for SSD 7036 including Mod 1, Mod 2, Mod 3 and Mod 4.

- Assessment of the implementation and adequacy of strategies, plans and programs required under the PA and EPL.

Monitoring and environmental performance, along with compliance with reporting requirements, were evaluated against:

- Project Approval (PA) SSD_7036
- Statement of commitments made in the Environmental Assessment (EA) for the site
- EPL 3397
- Observations made during audit activities on site.

It should be noted that the requirements of the EPL are incorporated into the conditions and management plans.

1.5. Audit period

The reporting period for this audit was from the date of the previous site audit, 13th May 2021, up until the date of the current site audit, 19th March 2024. It is noted that the previous IEA report was submitted to the Department on 11 June 2021 and accepted on 6 July 2021.

2. Audit methodology

2.1. Auditor approval

The Department agreed to the nomination of Natascha Arens as Lead Auditor and Whitney Heiniger as the Auditor for the Project on 29th January 2024 (Appendix B).

2.2. Audit process

Document review occurred prior to the day of the site inspection and was then largely completed following the site visit. The document review included a review of the Conditions of Approval, all management plans and sub plans, monitoring reports, correspondence with internal departments and external authorities, and available desktop information showing evidence of performance.

The Audit program was submitted to the Auditee on 11th March 2024 indicating the dates of the site audit, scope, criteria, audit details and required project representatives.

An opening meeting was held on 19th March 2024 at 9:30am on site at the main administration building. Present at the opening meeting were:

- Jim Lawler – Groundwork Plus, Associate Planner
- Peter Roberts – KIS Quarries, Director and General Manager
- Rhys O'Brien – KIS Quarries, Quarry Manager
- Whitney Heiniger – NGH, Auditor.

A closing meeting was held on 19th March 2024 at 12:00pm at the main administration building. The above project staff were present at the closing meeting.

2.3. Audit interviews

Site interviews were undertaken with

- Jim Lawler – Groundwork Plus, Associate Planner
- Peter Roberts – KIS Quarries, Director and General Manager
- Rhys O'Brien – KIS Quarries, Quarry Manager.

2.4. Site inspection

A site inspection with Jim Lawler, Peter Roberts and Rhys O'Brien was conducted on 19th March 2024 following the audit opening meeting, including the following areas:

- Quarrying and crushing plant
- Internal roads
- Stockpile areas
- Maintenance sheds
- Waste storage bins
- Site sheds and site entrance signage

- Basins
- Boundary bunds (from the viewing platform)
- Biodiversity protection zones (from the viewing platform).

During the site inspection, conditions consisted of clear and warm conditions. The Bureau of Meteorology (BoM) weather station at Lismore Airport (station 058214), approximately 16 kilometres (km) north of the site, recorded a maximum temperature of 28.5°C, minimum temperature of 19.7°C and 64.2 millimetres (mm) of rainfall recorded up until 9am on the day of the site inspection. Total rainfall for March 2024 at the Lismore Airport weather station was 181.8mm.

2.5. Consultation

Email consultation was undertaken with the following agencies prior to the audit:

- **NSW DPHI** – consultation undertaken requesting approval of the Audit team. Approval received 29th January 2024 (Appendix B).
- **NSW DPHI** – consultation request made via email 1st March 2024. DPHI requested 1st March 2024 (Appendix C.1):
“NSW Planning is aware that the project approval under planning reference SSD-7036 is conditioned (under Schedule 2, Condition 6) to end quarrying activity on 30 June 2025. Therefore, NSW Planning would like this to be a focus of the audit, ensuring awareness of any decommissioning or rehabilitation activity is addressed or considered.”
- **NSW EPA** – consultation request made via email 1st March 2024. EPA requested 5th March 2024 (Appendix C.2):
“It would be appreciated if you could consider incorporating:
 - *Sediment basin management – evidence of sediment basin capacity being reinstated within 5 days of cessation of rainfall and evidence that discharge quality parameters are met prior to discharge*
 - *That sediment basins have the capacity to hold the design rainfall event*
 - *Maintenance of site controls eg drainage lines and erosion controls*
 - *Review and maintenance of basins to ensure sediment storage zone is not exceeded.*
 - *Chemical storage including maintenance of capacity of bunding and appropriate management of captured chemicals*
 - *Areas or lots used for extraction and volume of extraction within different allotted areas.*
 - *Site records for rainfall data.*
 - *Pollution complaints log*
 - *Review and testing of the PIRMP*
 - *Reporting of any incidents as required to EPA Enviroline.”*
- **Richmond Valley Council (RVC)** – consultation request made via email 1st March 2024 (Appendix C.3). No input was received from RVC.
- **NSW DPHI** – feedback on the finalised audit report was received via email from DPHI on 22nd May 2024.

The correspondence made reference to the ongoing non-compliant against Schedule 3, Condition 34. The department suggested that as the bond was lodged with DPIE in May 2019 and there is no further action required, that this finding can now be closed, accordingly the audit table in Appendix A has been updated

Additionally, DPHI advised that:

'NSW Planning requested information addressing the decommissioning conditions as the life of the State Significant Development expires in June 2025. If there is an opportunity to provide any information about this complex matter it would be greatly appreciated.'

Groundwork Plus on behalf of KIS Quarries, advised NGH that:

'Development Consent DA2022/0250 was granted by Richmond Valley Council on 4 July 2023 for the extension of the Petersons Quarry. Condition 81 requires the operator to rehabilitate the site to an appropriate standard and specifically notes that it corresponds to Condition 31 of Schedule 3 of the SSD 7036 development consent. Condition 82 requires the operator to progressively rehabilitate the site and specifically notes that it corresponds to Condition 32 of the Schedule 3 of the SSD 7036 development consent. Condition 83 requires the preparation of a Biodiversity Rehabilitation Management Plan for the site and specifically notes that it corresponds to Condition 33 of Schedule 3 of the SSD 7036 development consent. Condition 84 requires the operator to provide a rehabilitation bond and specifically notes that it corresponds to Condition 34 of Schedule 3 of the SSD 7036 development consent. Those conditions were imposed by the Council through the Planning Panel in consultation with the NSW DPHI so that in parallel with the commencement of the use under the Development Consent DA2022/0250, an application to surrender the SSD 7036 development consent could be made. KIS continue to progress work to commence use under DA 2022/0250 being mindful that the SSD 7036 expires in June 2025. KIS have obtained advice from SLR Consulting that the cost of intersection works required under DA2022/0250 are in the order of \$400,000 and KIS are currently in discussions with Council about funding of those works.'

A copy of this Development Consent is included in Appendix F.

2.6. Compliance status descriptors

The compliance status for each requirement or commitment has been assessed in accordance with the criteria in Table 2-1 (Department of Planning and Environment [DPE] 2020).

Table 2-1 Compliance status descriptors used during the audit process

Status	Description
Compliant (C)	The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.
Non-compliant (NC)	The auditor has determined that one or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.
Not triggered (NT)	A requirement has an activation or timing trigger that has not been met at the time when the audit is undertaken, therefore an assessment of compliance is not relevant.

3. Audit findings

3.1. Document list

Documents were requested during the audit process and were provided by Groundwork Plus and KIS Quarries. Management Plans and Records were viewed electronically and in hard copy format. Records (photographs, notes, digital files) were made of the documents examined. Notes were made about the documents against and regarding the Consent requirements, as outlined in Appendix A. Most documents were publicly available at <https://www.emonitoring.com.au/coraki-document-display>. Documents viewed included:

- DPHI correspondence approving 2024 audit team – 29/01/2024 (Appendix B)
- Coraki Quarry 2021 Annual Report (Groundwork Plus, March 2022)
- Coraki Quarry 2022 Annual Report (Groundwork Plus, March 2023)
- Coraki Quarry 2023 Annual Report (Groundwork Plus, March 2024)
- Coraki Quarry Environmental Management Strategy (Groundwork Plus, September 2023)
- Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019)
- Coraki Quarry Blast Management Plan (Groundwork Plus, November 2017)
- Coraki Quarry Air Quality Management Plan (Groundwork Plus, November 2017)
- Coraki Quarry Water Management Plan (Calibre Consulting, February 2018)
- Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023)
- Coraki Quarry Aboriginal Cultural Heritage Management Plan (NSW Archaeology, November 2017)
- Coraki Quarry Biodiversity and Rehabilitation Management Plan (BAAM Ecological Consultants, February 2018)
- Coraki Quarry Environmental Management Plan (Groundwork Plus, September 2016)
- DPE correspondence approving revised Environmental Management Strategy – 4/10/2023
- DPE correspondence approving revised Traffic Management Plan – 4/10/2023
- Petersons Quarry Pollution Incident Response Management Plan (Groundwork Plus, February 2021)
- DPE correspondence accepting 2021 Annual Report – 21/04/2022
- DPE correspondence accepting 2022 Annual Report – 22/03/2023
- Email correspondence submitting 2021 Annual Report to RVC – 28/03/2022
- Email correspondence submitting 2022 Annual Report to RVC – 23/03/2023
- Coraki Quarry Complaints Register – updated February 2024
- 2021 Independent Environmental Audit Report (NGH, 2021)
- Correspondence from KIS Quarries to DPE detailing responses to 2021 IEA – 10/06/2021
- DPE correspondence accepting 2021 IEA report – 6/07/2021
- KIS Quarries Monthly Traffic Summary
- Coraki Quarry Noise Compliance Report (MWA Environmental) – July 2021, September 2021, December 2021, March 2022, June 2022, September 2022, December 2022, March 2023, June 2023, September 2023, December 2023
- KIS Quarries Dust Monitoring Result Data – January 2020 to January 2024

- DPE correspondence confirming extension of time for Independent Traffic Audit requirement – 22/01/2024
- KIS Quarries FY2023 Section 7.11 Contribution Ledger
- Coraki Quarry Induction sign on sheet R O'Brien 12/2/2024
- RVC Notice to Applicant of Determination of a Development Application DA2022/0250 – 4/07/2023
- Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to 2020 Annual Review – 10/05/2021
- Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to 2021 IEA and 2021 Traffic Audit – 10/06/2021
- Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to June 2021 noise monitoring delay – 1/06/2021
- Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to 2021 Annual Review – 22/04/2022
- Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to 2022 Annual Review – 23/03/2023
- Correspondence from Groundwork Plus to DPE confirming review of management plans in response to Mod-4 – 21/09/2023
- KIS Quarries Weighbridge Docket 10221093 16/03/2022
- KIS-FM-2.1 Prestart Toolbox Meeting – PIRMP Drill, 24/1/2024.

3.2. Compliance performance

A total of 83 Conditions of Approval (CoA) were found to be relevant to the reporting period. The Project was found to be compliant with all of these CoAs (Table 3-1). A summary of compliance for this audit period is provided in Table 3-1.

Table 3-1 Compliance summary for the reporting period

	Schedule 2	Schedule 3	Schedule 4	Schedule 5	Total
Number of Conditions of Approval	22	41	4	16	83
Number of triggered Conditions	14	29	0	10	53
Number of Non-compliant findings	0	0	0	0	0

3.3. Non-compliant findings

No non-compliant findings were recorded during the reporting period.

3.4. Notices, orders and prosecutions

No notices, orders or prosecutions occurred during the reporting period.

3.5. Previous audits

Non-compliant findings noted during the 2021 IEA and their current status are presented in Table 3-2. It is noted that the previous IEA report was submitted on 11th June 2021 and accepted by the Department on 6th July 2021.

Table 3-2 Non-compliant findings from the 2021 IEA and their status as observed during this audit

Condition of Approval	Details of Non-compliance	Recommended Action	Status
Schedule 2, Condition 2	<p>There have been five (inclusive of COA 2) non-compliances raised (as detailed in the NCs below) and as such the auditor has also raised a non-compliance against this condition. It is noted that the actions required to address the noise non-compliance have since been closed out and there have been no exceedances of noise limits since March 2019.</p> <p>The bond required under Schedule 3 COA 34 was lodged in May 2019 and the requirement to review strategies in response to the incident in 2018 has been resolved by subsequent review of strategies (Schedule 5 COA 3).</p>	All non-compliances have been addressed and no further action is required.	CLOSED
Schedule 3, Condition 4	The audit reviewed results from quarterly noise monitoring undertaken between June 2018 – March 2021. Exceedances were noted in a number of monitoring reports during the reporting period.	All noise non-compliances have been addressed and no further action is required.	CLOSED

Condition of Approval	Details of Non-compliance	Recommended Action	Status
Schedule 3, Condition 6	Noise Management Plan (dated 29 October 2019) was prepared and approved in response to MOD 3 (approved by DPIE on 13 November 2019). This plan is the current plan and the audit found that it is being implemented. However, as this condition requires that the plan be implemented to ensure Compliance with the noise criteria in this consent , and there have been a number of exceedances a non-compliance against the condition has been raised.	All noise non-compliances have been addressed and no further action is required.	CLOSED
Schedule 3, Condition 34	The Bond has been transferred from Quarry solutions to KIS. The Bond had not been lodged by the due date of 5 October 2018 (six months from approval of the Biodiversity and rehabilitation plan on 6 March 2018), therefore this has been raised as a non-compliance with this condition. The bond was lodged with DPIE in May 2019	The bond has been lodged and therefore no further action is required.	CLOSED
Schedule 5, Condition 3	A non-compliance has been raised against this condition as there was no review of the strategies and plans in response to the 2018 noise incidents. All other reviews under this condition have occurred.	Strategies and plans have subsequently been reviewed therefore no further action is required.	CLOSED

3.6. Environmental Management Plans

The environmental management at the site is governed by the following documents:

- Coraki Quarry Environmental Management Strategy (Groundwork Plus, September 2023)
- Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019)
- Coraki Quarry Blast Management Plan (Groundwork Plus, November 2017)
- Coraki Quarry Air Quality Management Plan (Groundwork Plus, November 2017)
- Coraki Quarry Water Management Plan (Calibre Consulting, February 2018)
- Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023)
- Coraki Quarry Aboriginal Cultural Heritage Management Plan (NSW Archaeology, November 2017)
- Coraki Quarry Biodiversity and Rehabilitation Management Plan (BAAM Ecological Consultants, February 2018)
- Coraki Quarry Environmental Management Plan (Groundwork Plus, September 2016).

Additionally, the following monitoring is undertaken:

- Quarterly Noise Compliance monitoring and reporting (July 2021 – December 2023)
- Complaints register
- Monthly traffic monitoring (to December 2023 is available on the website)
- Monthly dust monitoring
- Blast monitoring data
- Inspection sheets.

The audit found that all management plans are being implemented and are adequate for the type and stage of work. Key findings are highlighted below.

Noise Management

Quarterly noise monitoring is occurring as required by the plan. The audit notes that one instance of quarterly noise monitoring was undertaken one month later than scheduled due to COVID-19 restrictions and flooding impacts, however this was immediately reported to the Department who had no additional comments on the occurrence. No noise exceedances have occurred during the reporting period.

Other implemented requirements of the plan include:

- Equipment maintenance
- Working hours
- Internal road maintenance and 40km/hr speed limit.

Blast Management Plan

As required by the Blast Management Plan, the site has a dedicated weather station. No blasting has occurred within the Coraki footprint during the reporting period.

Air Quality

The audit found that dust is being managed in accordance with the management plan. A water truck was observed on site during the site visit, however overnight rain prior to the visit deemed road dampening unnecessary. Dust monitoring results indicate there have been no exceedances of criteria and monitoring is occurring monthly. A weather station is on site to monitor meteorological conditions that may affect air quality as a result of crushing and stockpiling or blasting.

Water Management

The audit found that the Water Management Plan is being implemented. No monitoring has been required as water from the basins is reused on site for dust suppression. Surface drains are in place separating clean water from dirty water and there was no evidence of offsite impacts as a result of the operation of the quarry. No controlled discharges have occurred during the reporting period.

Transport Management

The most recent road safety audit was completed in May 2021 and found that transport is being managed in accordance with the TMP.

The audit reviewed weighbridge data which is available on the project website. The data is recorded daily and aggregated into monthly figures. A desktop calculation using average daily figures, indicates that the daily movements are not exceeded. No trucks associated with the Coraki footprint have left the site since June 2023 in accordance with Schedule 2, Condition 9A.

Aboriginal Cultural Heritage

There are two Aboriginal Heritage non disturbance zones noted in the plan. The audit noted that these sites are outside of the impact area and clearly excluded from operational areas. The sites are also marked on A1 Sensitive Area posters located in site sheds.

Biodiversity and Rehabilitation

The site inspection noted that no disturbance to the *Macadamia tetraphylla* Stands or Hoop Pine Dry Rainforest community has occurred and that these areas are clearly excluded as required by the management plan.

Progressive rehabilitation has not yet commenced as terminal benches have not been reached. Decommissioning and rehabilitation activities are not yet required, as the site will continue operations beyond the surrender of SSD-7036 and subsequent transfer to a DA issued by RVC. Information regarding this transfer of decommissioning and rehabilitation responsibilities is included in Section 2.5.

3.7. Environmental performance

The audit found that the site is being well managed and is continuously achieving environmental compliance. No monitoring exceedances or complaints were recorded during the reporting period. One minor non-compliance was reported to the Department regarding a delay in quarterly noise monitoring in 2021,

however the Department had no further comments and this is not considered to impact the Project's overall environmental performance.

Site staff are knowledgeable regarding their environmental obligations and their engagement of a consultant (Groundwork Plus) to assist in environmental management and legislative interpretation is evident in onsite resources and compliance results. The site is visibly organised, well-established and operating at an appropriate scale for surrender of SSD-7036.

3.8. Consultation feedback

Consultation feedback received during the audit process is addressed in Appendix A.

3.9. Complaints

No complaints were received during the reporting period.

3.10. Incidents

No reportable incidents occurred during the reporting period.

4. Recommendations

4.1. Recommended actions

No non-compliant findings were identified during the audit and, as such, no recommended actions relating to specific CoAs have been identified.

4.2. Opportunities for improvement

Two opportunities for improvement were identified during the site visit. Firstly, as discussed with onsite staff, the site entrance point immediately adjacent to the site office requires some minor reshaping to ensure all dirty water from the precoat plant and site office area is directed into the southern sediment basin. Redefining the existing bund that tracks perpendicular to the access track will ensure dirty water is directed into the stormwater system, rather than causing erosion along Petersons Quarry Road.

Secondly, a review of the water capacity of both operating sediment basins is recommended. It is understood that, due to the nature of the quarried material and generally covered disturbance footprints, minimal sediment is likely to be entering the basins. During the next period of prolonged dry weather, it is recommended that the sediment storage zones of each basin are reviewed and excavated if necessary to ensure capacity is available prior to the next wet season.

Appendix A Audit table

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
Schedule 2 – Administrative Conditions						
1	Obligation to Minimise Harm to the Environment; In addition to meeting the specific performance criteria established under this consent, the Applicant must implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation, or rehabilitation of the development.		C	This audit	No material harm to the environment has occurred during the reporting period as a result of activities undertaken as part of the development. Generally, the development is compliant with the requirements of this Consent.	C
2	Terms of Consent; The Applicant must carry out the development: <ul style="list-style-type: none"> a) Generally in accordance with the EIS, SEE (MOD 1) and SEE (MOD 2); SEE (MOD 3), MR (MOD 4) and the Development Layout; and b) In accordance with the Statement of Commitments and conditions of this consent. <i>Note: The Applicant's Statement of Commitments is reproduced in Appendix 1 of Ministers consent.</i>	<p>The proponent has generally carried out activities in accordance with the EIS, SEE (MOD 1), SEE (MOD 2), Change to location of processing plant (MOD 3) Statement of Conditions and conditions of this consent.</p> <p>There have been five (inclusive of COA 2) non-compliances raised (as detailed in the NCs below) and as such the auditor has also raised a non-compliance against this condition. It is noted that the actions required to address the noise non-compliance have since been closed out and there have been no exceedances of noise limits since March 2019.</p> <p>The bond required under Schedule 3 COA 34 was lodged in May 2019 and the requirement to review strategies in response to the incident in 2018 has been resolved by subsequent review of strategies (Schedule 5 COA 3).</p>	NC	Site Management Plans This audit Site visit Interview P Roberts, J Lawler	<p>The proponent has generally carried out activities in accordance with the EIS, SEE (MOD 1), SEE (MOD 2), SEE (MOD 3), MR (MOD 4) Statement of Conditions and conditions of this consent. No non-compliant findings have been noted during this audit and the auditor considers this to be generally in accordance with the Project Approval.</p> <p>Management plans implemented during the reporting period include:</p> <ul style="list-style-type: none"> • Coraki Quarry Environmental Management Strategy (Groundwork Plus, September 2023) • Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019) • Coraki Quarry Blast Management Plan (Groundwork Plus, November 2017) • Coraki Quarry Air Quality Management Plan (Groundwork Plus, November 2017) • Coraki Quarry Water Management Plan (Calibre Consulting, February 2018) • Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023) • Coraki Quarry Aboriginal Cultural Heritage Management Plan (NSW Archaeology, November 2017) • Coraki Quarry Biodiversity and Rehabilitation Management Plan (BAAM Ecological Consultants, February 2018) • Coraki Quarry Environmental Management Plan 	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
					(Groundwork Plus, September 2016).	
3	Terms of Consent; If there is any inconsistency between the above documents, the most recent document must prevail to the extent of the inconsistency. However, the conditions of this consent must prevail to the extent of any inconsistency.	No inconsistencies found.	NT	Document review	No inconsistencies noted to date.	NT
4	Terms of Consent; The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of: a) Any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this consent; b) Any reviews, reports or audits undertaken or commissioned by the Department regarding compliance with this consent; or c) The implementation of any actions or measures contained in these documents.	The proponent has complied with the site management plans. The Noise Management Plan has been updated to reflect the changed layout in MOD 3. There have been a number of non-compliance in relation to noise. These are detailed in Schedule 3 COA 4, a non-compliance has been raised against this condition	C	Site Management Plans This audit Site visit Interview P Roberts, J Lawler	The following plans have been submitted and approved: <ul style="list-style-type: none"> Coraki Quarry Environmental Management Strategy (Groundwork Plus, September 2023) Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019) Coraki Quarry Blast Management Plan (Groundwork Plus, November 2017) Coraki Quarry Air Quality Management Plan (Groundwork Plus, November 2017) Coraki Quarry Water Management Plan (Calibre Consulting, February 2018) Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023) Coraki Quarry Aboriginal Cultural Heritage Management Plan (NSW Archaeology, November 2017) Coraki Quarry Biodiversity and Rehabilitation Management Plan (BAAM Ecological Consultants, February 2018) Coraki Quarry Environmental Management Plan (Groundwork Plus, September 2016). The Transport MP and EMS have been updated during the reporting period. The Proponent has complied with site management plans during the reporting period.	C
5	Lapsing of Consent; If the development has not been physically commenced within 5 years of the date of this	Quarrying operations commenced on 10 October 2016.	NT	Site visit Previous audit	Quarrying operations commenced on 10 October 2016.	NT

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	consent, then this development consent must lapse.					
6	<p>Limits on Consent;</p> <p>Quarrying Operations</p> <p>The Applicant may carry out quarrying operations for the development until 30 June 2025.</p> <p><i>Note: Under this consent, the Applicant is required to rehabilitate lands associated with the development and carry out additional undertakings to the satisfaction of the Secretary. Consequently, this consent will continue to apply in all other respects other than the right to conduct quarrying operations until the rehabilitation of lands associated with the development and those undertakings have been carried out to a satisfactory standard.</i></p>	The time period has not lapsed	NT	<p>Site visit</p> <p>Interview J Lawler</p>	This time period has not yet lapsed. The Applicant is currently preparing to undertake final intersection works at Lagoon Road and Queen Elizabeth Drive in order to relinquish this consent, to be superseded by a RVC Development Approval.	NT
7	<p>Limits on Consent;</p> <p>Quarrying Operations</p> <p>The Applicant must not extract materials outside of the Extraction Area, or stockpile materials outside of the Stockpile Area and Temporary Stockpile Area, as shown in Appendix 2; nor extract materials below 18 metres AHD.</p>	<p>The quarry has been designed to limit extraction to above 18 AHD.</p> <p>Rover (GPS) on site spots the floor benchmark of extraction. Discussions with staff indicates that this is done daily, however no data is from the GPS is downloaded.</p> <p>When drilling for blasting – drillers are instructed not to go below 18AHD. This is a verbal requirement, however it is included in the induction.</p> <p>Aerial monitoring of AHD is occurring is annually to double check floor height.</p> <p><i>The audit recommended that the requirement of the 18AHD level could be added to toolbox discussions.</i></p>	C	<p>Interview P Roberts, J Lawler</p> <p>Annual Reports 2021 – 2023</p> <p>Site visit</p> <p>Aerial imagery</p>	Material has not been extracted from or stored outside of the extraction and stockpile areas. Monthly drone surveys are undertaken to confirm that no materials have been extracted below 18m AHD and the quarry has been designed to limit this risk, as a clay seam is present ~18m. No blasting has been undertaken within the Coraki footprint during the reporting period. The previous audit recommendation of including the 18m AHD requirement in toolbox talks has been taken up, as confirmed in annual reports.	C
8	<p>Limits on Consent;</p> <p>Quarrying Operations</p> <p>The Applicant must not extract or process more than 1 million tonnes of quarry products in any calendar year.</p>	The audit found that extraction does not exceed the 1 million tonnes in any calendar year.	C	Coraki Quarry 2023 Annual Report (Groundwork Plus, March 2024)	<p>Production summary for the reporting period:</p> <p>2021 – 19,496 tonnes</p> <p>2022 – 8,115 tonnes</p> <p>2023 – 40,613 tonnes</p> <p>Production limit has been met for each year within the reporting period.</p>	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
9	<p>Quarry Products Transport</p> <p>The Applicant must not dispatch from the development more than 31 laden trucks per hour or more than:</p> <ul style="list-style-type: none"> a) 231 laden trucks per day (Monday to Friday); and b) 105 laden trucks per day (Saturday), unless operating in accordance with condition 2 of Schedule 3, in which case the Applicant may dispatch up to 273 laden trucks per day (Monday to Saturday). <p><i>Note: in this condition, 'per hour' means any 60 minutes following the change of hour.</i></p>	A review of monthly monitoring data. weighbridge data and staff interviews indicates that this condition is being met.	C	KIS Quarries Monthly Traffic Summary	<p>Truck dispatch and movements monitored with 'i-Weigh' software on site. Monthly monitoring data is available on Coraki document display Emonitoring and aggregated into monthly figures. A desktop calculation using average daily figures, indicates that the daily movements are not exceeded.</p> <p>The weighbridge does not allow more than 31 trucks per hour. Truck figures indicate low truck movement numbers (often <100/month) throughout the reporting period. No truck movements related to Coraki Quarry occurred after June 2023 in accordance with Condition 9A.</p>	C
9A	From 1 July 2023, the Applicant must not undertake road haulage of quarry products until the intersection of Lagoon Road, Casino-Coraki Road, Dawson Street and Queen Elizabeth Drive is upgraded to a CHR and AUL-type intersection to the satisfaction of Council.			<p>KIS Quarries Monthly Traffic Summary</p> <p>Site visit</p> <p>Interview P Roberts, J Lawler</p>	No truck movements related to Coraki Quarry have occurred after June 2023.	C
10	<p>Structural Adequacy;</p> <p>The Applicant must ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.</p> <p><i>Notes:</i></p> <ul style="list-style-type: none"> a) Under Part 4A of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works; and b) Part 8 of the EP&A Regulation sets out the requirements for the certification of the development. 		NT	<p>Site visit</p> <p>Interview P Roberts</p>	No new buildings or structures have been constructed during the reporting period.	NT
11	<p>Demolition;</p> <p>The Applicant must ensure that all demolition work is carried out in accordance with <i>Australian Standard AS 2601-2001: The Demolition of Structures</i>, or its</p>		NT	<p>Site visit</p> <p>Interview P Roberts</p>	No demolition work has been carried out on site during the reporting period.	NT

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	latest version.					
12	<p>Protection of Public Infrastructure;</p> <p>Unless the Applicant and the applicable authority agree otherwise, the Applicant must:</p> <ul style="list-style-type: none"> a) Repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and b) Relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development. <p><i>Note: This condition does not apply to any damage to roads caused as a result of general road usage or otherwise addressed by contributions required of condition 17 of this consent.</i></p>		NT	<p>Site visit</p> <p>Interview P Roberts</p> <p>Interview J Lawler</p>	No damage to or relocation of public infrastructure has occurred during the reporting period.	NT
13	<p>Operation of Plant and Equipment;</p> <p>The Applicant must ensure that all the plant and equipment used at the site is:</p> <ul style="list-style-type: none"> a) Maintained in a proper and efficient condition; and b) Operated in a proper and efficient manner. 	The audit found that there are systems in place to ensure that plant and equipment are maintained and operated efficiently.	C	<p>Site visit</p> <p>Interview R O'Brien</p> <p>Pre start record for CAT Model 972 (Plant number 1421)</p>	<p>Pre-start check sample was reviewed for 18/3/2024 CAT Model 972 (Plant number 1421). Operator had checked the vehicle for defects, noting RF guard and LF tyre as requiring maintenance. The maintenance requirement then gets diarised.</p> <p>Quarry staff indicated that maintenance is largely outsourced. Plant and equipment observed during the site visit appeared well maintained and showed no signs of excess smoke or neglect.</p>	C
14	<p>Production Data;</p> <p>The Applicant must:</p> <ul style="list-style-type: none"> a) Provide annual quarry production data to MEG using the standard form for that purpose; and b) Include a copy of this data in the Annual Review (see condition 9 of Schedule 5). 	The quarry production data, including a copy of the Form S1 is attached the annual review.	C	<p>Coraki Quarry 2021 Annual Report (Groundwork Plus, March 2022)</p> <p>Coraki Quarry 2022 Annual Report (Groundwork Plus, March 2023)</p> <p>Coraki Quarry 2023 Annual Report (Groundwork Plus, March 2024)</p>	The quarry production data, including a copy of the Form S1, submitted to Department of Regional NSW/MEG, is attached to each annual review.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
15	<p>Identification of Approved Extraction Limits;</p> <p>By 30 November 2017, or one month prior to commencement of extraction from Lot 1 DP1225621, whichever is earlier, unless otherwise agreed by the Secretary, the Applicant must:</p> <p>a) Engage a registered surveyor to mark out the boundaries of the approved limits of extraction; and</p> <p>b) Submit a survey plan of these boundaries with applicable GPS coordinates to the Secretary.</p>	Completed in the previous audit period.	C	2021 IEA Report (NGH, 2021)	Completed during the initial audit period.	C
16	<p>Identification of Approved Extraction Limits;</p> <p>While quarrying operations are being carried out, the Applicant must ensure that these boundaries are clearly marked at all times in a manner that allows operating staff to clearly identify the approved limits of extraction.</p>	<p>A site visit was able to confirm that the large bund at the top of the quarry clearly marks the boundary of the site. Boundary markers are present at the top of this bund.</p> <p>The induction material include the boundary on clear maps (poster size).</p>	C	Site visit	The site visit was able to confirm that the large bund at the top of the quarry clearly marks the boundary of the site. Access is restricted beyond this boundary due to the bund size and boundary markers are present at the top of this bund. Resources clearly displayed on site indicate the boundary.	C
17	<p>Contributions to Council;</p> <p>The Applicant must pay to Council a contribution of \$1.12 per tonne of quarry products transported from the development for the maintenance of the local road network. The contribution must be paid quarterly and indexed in line with the provisions of the <i>Richmond Valley Council Section 94 Heavy Haulage Plan 2013</i> or any subsequent relevant contributions plan adopted by Council.</p> <p><i>Note: If the parties are unable to agree on any aspect of the maintenance contributions, either party may refer the matter to the Secretary for resolution.</i></p>	Richmond Valley Council remittance notices indicates that quarterly contributions are being paid.	C	KIS Quarries FY2023 Section 7.11 Contribution Ledger	A 2023 ledger was provided that indicates that regular contributions are being paid to RVC.	C
18	<p>Crown Roads;</p> <p>The Applicant must obtain approval for the closure of the Crown road on the eastern boundary of Lot 401 DP 633427 prior to undertaking the development within the area of the road.</p>	This was completed prior during the previous audit.	C	2021 IEA Report (NGH, 2021)	Completed during the initial audit period.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT										
19	Compliance; The Applicant must ensure that all employees, contractors and sub-contractors are aware of, and comply with, the conditions of this consent relevant to their respective activities.	The audit found that relevant requirements of the consent were provided via the induction, A1 posters on site walls and driver inductions.	C	Induction sign on sheet sighted for induction undertaken on 12/2/2024 Posters of management plan requirements in site facilities (refer photos)	The audit found that relevant requirements of the consent were provided via the induction, A1 posters on site walls and driver inductions.	C										
20	APPLICABILITY OF GUIDELINES References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this consent.		NT		Noted	NT										
21	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such guidelines, protocol, Standard or policy, or a replacement of them.		NT	Interview J Lawler	No direction received during the reporting period.	NT										
Schedule 3 – Environmental Performance Conditions																
1	NOISE; Hours of Operation The Applicant must comply with the operating hours set out in Table 1. <table><tr><td colspan="2">Table 1: Operating Hours</td></tr><tr><th>Activity</th><th>Permissible Hours</th></tr><tr><td>Quarrying operations including truck loading and dispatch</td><td>7 am to 6 pm Monday to Friday; 8 am to 1 pm Saturday; and At no time on Sundays or public holidays.</td></tr><tr><td>Blasting</td><td>9 am to 3 pm Monday to Friday; and At no time on Saturdays, Sundays or public holidays.</td></tr><tr><td>Maintenance activities</td><td>May be conducted at any time, provided that these activities are not audible at any privately-owned residence.</td></tr></table>	Table 1: Operating Hours		Activity	Permissible Hours	Quarrying operations including truck loading and dispatch	7 am to 6 pm Monday to Friday; 8 am to 1 pm Saturday; and At no time on Sundays or public holidays.	Blasting	9 am to 3 pm Monday to Friday; and At no time on Saturdays, Sundays or public holidays.	Maintenance activities	May be conducted at any time, provided that these activities are not audible at any privately-owned residence.	Induction material and weighbridge data indicate that the proponent is operating the quarry within the operating house of the consent.	C	Annual Reports 2021 – 2023 Complaints Register Induction material Site visit	Induction material, complaints data and Annual Reports indicate that the proponent is operating the quarry within the operating hours of the consent.	C
Table 1: Operating Hours																
Activity	Permissible Hours															
Quarrying operations including truck loading and dispatch	7 am to 6 pm Monday to Friday; 8 am to 1 pm Saturday; and At no time on Sundays or public holidays.															
Blasting	9 am to 3 pm Monday to Friday; and At no time on Saturdays, Sundays or public holidays.															
Maintenance activities	May be conducted at any time, provided that these activities are not audible at any privately-owned residence.															
2	NOISE; Hours of Operation The Applicant may operate under the extended	Landholders have not changed since the previous audit period.	C	Interview P Roberts	As per previous audit periods, these hours are in use and landholder agreements are in place.	C										

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT								
	<p>operating hours set out in Table 2 only after obtaining written agreements with landowners R1 to R9 (as shown on the plan in Appendix 3), and after advising the EPA and the Secretary in writing of the terms of these agreements.</p> <table><caption>Table 2: Extended Operating Hours</caption><tr><th>Activity</th><th>Permissible Hours</th></tr><tr><td>Quarrying operations including truck loading and dispatch</td><td>6 am to 7 pm Monday to Friday; 6 am to 7 pm Saturday; and At no time on Sundays or public holidays.</td></tr><tr><td>Maintenance activities</td><td>May be conducted at any time.</td></tr></table>	Activity	Permissible Hours	Quarrying operations including truck loading and dispatch	6 am to 7 pm Monday to Friday; 6 am to 7 pm Saturday; and At no time on Sundays or public holidays.	Maintenance activities	May be conducted at any time.							
Activity	Permissible Hours													
Quarrying operations including truck loading and dispatch	6 am to 7 pm Monday to Friday; 6 am to 7 pm Saturday; and At no time on Sundays or public holidays.													
Maintenance activities	May be conducted at any time.													
3	<p>NOISE;</p> <p>Hours of Operation</p> <p>The following activities may be carried out on the site at any time:</p> <ul style="list-style-type: none">• Delivery or dispatch of materials as requested by Police or other authorities; and• Emergency work to avoid the loss of lives, property and/or to prevent environmental harm. <p>In such circumstances, the Applicant must notify the Secretary and affected residents prior to undertaking the activities, or as soon as is practical thereafter.</p>	None of this type of work has been undertaken to date.	NT	Interview P Roberts	No activities as described required during the reporting period.	NT								
4	<p>NOISE;</p> <p>Noise Impact Assessment Criteria</p> <p>The Applicant must ensure that the noise generated by the development does not exceed the criteria in Table 3 at any residence on privately-owned land.</p> <table><caption>Table 3: Noise criteria dB(A)</caption><tr><th>Receiver</th><th>Day dB(A) (L_{Aeq}(15 min))</th><th>Evening dB(A) (L_{Aeq}(15 min))</th><th>Night dB(A) (L_{Aeq}(15 min))</th></tr><tr><td>All privately-owned residences</td><td>35</td><td>35</td><td>35</td></tr></table> <p><small>Note: Receiver locations are shown on the figure in Appendix 3.</small></p> <p>Noise generated by the development is to be measured in accordance with the relevant requirements and exemptions (including certain meteorological conditions) of the <i>NSW Industrial Noise Policy</i>. Appendix 4 sets out the meteorological conditions under which these criteria apply and the requirements for evaluating compliance with these criteria.</p>	Receiver	Day dB(A) (L _{Aeq} (15 min))	Evening dB(A) (L _{Aeq} (15 min))	Night dB(A) (L _{Aeq} (15 min))	All privately-owned residences	35	35	35	<p>The audit reviewed results from June 2018 – March 2021. Exceedances were noted in the following reports:</p> <p>June 2018 non compliances on a number of occasions – attributed to the main crusher plant. MWA environmental (noise consultants) were subsequently engaged to investigate and came up with the following recommendations:</p> <ul style="list-style-type: none">• Quantification of source sound power levels for the main crushing plant commissioned in early 2018.• Quarry Solutions committed to an interim noise mitigation measure to not operate the main crushing plant prior to 8am when winds from the south-westerly, westerly and north-westerly directions are present until it is determined that the significant noise enhancing conditions evident in the Winter	NC	Quarterly Noise monitoring reports from June 2021 – December 2023, prepared by MWA Environmental	No noise exceedances have been recorded during the reporting period.	C
Receiver	Day dB(A) (L _{Aeq} (15 min))	Evening dB(A) (L _{Aeq} (15 min))	Night dB(A) (L _{Aeq} (15 min))											
All privately-owned residences	35	35	35											

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	However, the noise criteria in Table 3 do not apply if the Applicant has an agreement with the relevant landowner to exceed the noise criteria, and the Applicant has advised the EPA and the Secretary in writing of the terms of this agreement.	<p>and early Spring period have passed.</p> <p>September 2018 non-compliance recorded on one monitoring day, subsequent monitoring in the same period noted no further exceedance.</p> <p>March 2019 Non-compliant with the for the single measurements at R2 and R3 obtained prior to the crushing plant breakdown i.e. no second measurements were obtained to confirm outcomes due to plant breakdown. Noise from the crushing and screening plant was the dominant quarry noise influence during the measurements at R2 and R3.)</p> <p>Further noise monitoring in June and October 2019 confirmed operational noise had returned to compliant levels. A revised noise management plan was submitted to DPIE on 20 June 2019 and subsequently approved by DPIE by letter dated 13 November 2019.</p> <p>While it is noted that exceedances have occurred, the audit found that the development is being operated in accordance with the noise management plan.</p>				
5	<p>NOISE;</p> <p>Operating Conditions</p> <p>The Applicant must:</p> <ol style="list-style-type: none"> Implement best practice management to minimise the operational and road transportation noise of the development; Minimise the noise impacts of the development during meteorological conditions when the noise criteria in this consent do not apply (see Appendix 4); After the commencement of quarrying operations at the development, carry out noise monitoring (at least every 3 months, or as otherwise agreed with the Secretary) to determine whether the development is complying with the relevant conditions of this consent; and Regularly assess noise monitoring data and modify and/or stop operations associated with the development to ensure compliance with the relevant conditions of this consent, to the satisfaction of the Secretary. 	The audit found that the proponent is response to noise exceedances as they arise. Although there have been exceedances, they have been dealt with in accordance with the requirements of the plan.	C	<p>Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019)</p> <p>Quarterly Noise monitoring reports from June 2021 – December 2023, prepared by MWA Environmental</p>	<p>The Noise Management Plan (dated 29 October 2019) is implemented across site and demonstrates best practice and details what should and shouldn't occur during certain meteorological conditions. Previous changes to the NMP addressed the requirement to include addition measures raised as a result of non-compliances during monitoring events.</p> <p>Noise monitoring is conducted quarterly by MWA Environmental and results are reviewed and summarised prior to publishing on the Project website.</p> <p>It is noted that no noise exceedances or noise-related complaints occurred during the reporting period. The June 2021 quarterly noise monitoring event was delayed until July 2021 due to Covid state border restrictions however this was reported to the Department and is not considered to constitute a non-compliant finding against this Condition.</p>	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<i>Note: Required frequency of noise monitoring may be reduced if approved by the Secretary.</i>					
6	<p>NOISE;</p> <p>Noise Management Plan</p> <p>The Applicant must prepare a Noise Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <ul style="list-style-type: none"> a) Be prepared in consultation with EPA; b) Be submitted to the Secretary within 6 months of the date of this consent, or prior to the commencement of operations, whichever is earlier, unless otherwise agreed by the Secretary; c) Describe the measures that would be implemented to ensure: <ul style="list-style-type: none"> a) Compliance with the noise criteria in this consent; b) Best practice management is being employed to minimise operational noise from the development; and c) The noise impacts of the development are minimised during meteorological conditions under which the noise criteria in this consent do not apply (see Appendix 4); d) Describe the proposed noise management system, including the establishment of acoustic bunds (as shown on the plan in Appendix 5) and other noise controls; and e) Include a monitoring program to be implemented to measure noise from the development against the noise criteria in Tables 3, and which evaluates and reports on the effectiveness of the noise management system of the development. <p>The Applicant must implement the management plan as approved by the Secretary.</p>	Noise Management Plan (dated 29 October 2019) was prepared and approved in response to MOD 3 (approved by DPIE on 13 November 2019). This plan is the current plan and the audit found that it is being implemented. However, as this condition requires that the plan be implemented to ensure Compliance with the noise criteria in this consent , and there have been a number of exceedances a non-compliance against the condition has been raised.	NC	<p>Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019)</p> <p>Quarterly Noise monitoring reports from June 2021 – December 2023, prepared by MWA Environmental</p>	No updates have been made to the NMP during the reporting period. No noise exceedances have occurred during the reporting period.	C
7	<p>NOISE;</p> <p>Noise Compliance Review</p> <p>The Applicant must commission a Noise Compliance Review for the development within 3 months of commencement of operations or as otherwise agreed</p>	This was completed in the previous audit period.	C	Noise Compliance Review (NCR) prepared by MWA Environmental in December 2016	This Condition was satisfied during the first reporting period and no directions have been received during the reporting period.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT															
	<p>with the Secretary. The review must be undertaken to the satisfaction of the Secretary and:</p> <p>a) Be undertaken by a suitably qualified and experienced acoustic engineer during a period when the quarry is operating;</p> <p>b) Assess whether the development is complying with the noise limits in this consent;</p> <p>c) Include the details of the plant and equipment operating at the time of the review;</p> <p>d) Identify any additional measures to be implemented to ensure compliance; and</p> <p>e) Provide details of any complaints received in relation to noise generated by the development and the action taken in response to those complaints.</p> <p>Within one month of receiving the Noise Compliance Review report, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the report to the Secretary, with a response to any recommendations contained in the report.</p>																				
8	<p>BLASTING;</p> <p>Blasting Criteria</p> <p>The Applicant must ensure that blasting associated with the development does not cause any exceedance of the criteria in Table 4.</p> <table><tr><td colspan="4">Table 4: Blasting criteria</td></tr><tr><th>Receiver</th><th>Airblast overpressure (dB(Lin Peak))</th><th>Ground vibration (mm/s)</th><th>Allowable exceedance</th></tr><tr><td rowspan="2">Any residence on privately-owned land</td><td>120</td><td>10</td><td>0%</td></tr><tr><td>115</td><td>5</td><td>5% of the total number of blasts over a period of 12 months</td></tr></table> <p>However, these criteria do not apply if the Applicant has a written agreement with the relevant owner to exceed the limits in Table 4, and the Applicant has advised the Department in writing of the terms of this agreement.</p>	Table 4: Blasting criteria				Receiver	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance	Any residence on privately-owned land	120	10	0%	115	5	5% of the total number of blasts over a period of 12 months	There have been no exceedances of blasting criteria.	C	<p>Coraki Quarry 2021 Annual Report (Groundwork Plus, March 2022)</p> <p>Coraki Quarry 2022 Annual Report (Groundwork Plus, March 2023)</p> <p>Coraki Quarry 2023 Annual Report (Groundwork Plus, March 2024)</p>	No blasting has been undertaken within the Coraki Quarry footprint during the reporting period.	NT
Table 4: Blasting criteria																					
Receiver	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance																		
Any residence on privately-owned land	120	10	0%																		
	115	5	5% of the total number of blasts over a period of 12 months																		
9	<p>BLASTING;</p> <p>Blasting Frequency</p> <p>The Applicant may carry out a maximum of 2 blasts per calendar month, unless with the prior approval of</p>	<p>There are three monitoring locations for Coraki Quarry</p> <p>A review of the data showed no exceedance of 2 blasts per calendar year.</p>	C		As above	NT															

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>the Secretary or unless an additional blast is required following a blast misfire. This condition does not apply to blasts required to ensure the safety of workers on site or other persons.</p> <p><i>Note: For the purposes of this condition a blast refers to a single blast event, which may involve a number of individual blasts fired in quick succession in a discrete area of the quarry.</i></p>					
10	<p>BLASTING;</p> <p>Operating Conditions</p> <p>During blasting operations, the Applicant must implement best practice management to:</p> <ol style="list-style-type: none"> I. Protect the safety of people and livestock in the areas surrounding blasting operations; II. Protect public or private infrastructure/property in the surrounding area from damage from blasting operations; a) Minimise the dust and fume emissions of blasting; b) Operate a suitable system to enable the local community to get up-to-date information on the proposed blasting schedule for the development; c) Obtain agreement with any private land owner affected by blast exclusion zones that are required to manage flyrock; and d) Carry out regular monitoring to determine whether the development is complying with the relevant conditions of this consent, to the satisfaction of the Secretary. 	<p>The audit found that these measures are implemented for blasting.</p> <p>There has been one complaint in relation to dust. This is discussed further under COA 12 below.</p>	C		As above	NT
11	<p>BLASTING;</p> <p>Blast Management Plan</p> <p>The Applicant must prepare a Blast Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <ol style="list-style-type: none"> a) Be submitted to the Secretary for approval within 6 months of the date of this consent, or prior to the commencement of blasting, whichever is earlier, unless otherwise agreed by the Secretary; b) Describe the measures that would be 	<p>There have been no complaints in relation to blasting. There has been one complaint in relation to dust, however this is discussed in COA 12 below.</p> <p>Shot blast reports also show compliance with blasting limits (monitor results on this date were 2.225mm/s and 115dB at Monitor House 1</p> <p>Weather station data is reviewed when planning for any blast</p>	C	<p>Coraki Quarry Blast Management Plan (Groundwork Plus, November 2017)</p> <p>Coraki Quarry 2021 Annual Report (Groundwork Plus, March 2022)</p> <p>Coraki Quarry 2022 Annual Report (Groundwork Plus, March 2023)</p> <p>Coraki Quarry 2023 Annual Report (Groundwork Plus,</p>	<p>The Blast Management Plan was approved by the Department in 2017 and no changes have been made during the reporting period.</p> <p>No blasting has been undertaken within the Coraki Quarry footprint during the reporting period.</p>	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT															
	<p>implemented to ensure compliance with the blast criteria and operating conditions of this consent;</p> <p>c) Include measures to manage flyrock;</p> <p>d) Include a monitoring program for evaluating and reporting on compliance with the blasting criteria in this consent;</p> <p>e) Include community notification procedures for the blasting schedule; and</p> <p>f) Include a protocol for investigating and responding to complaints.</p> <p>The Applicant must implement the management plan as approved by the Secretary.</p>			March 2024)																	
12	<p>AIR QUALITY;</p> <p>Air Quality Impact Assessment Criteria</p> <p>The Applicant must ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the development do not cause exceedances of the criteria in Table 5 at any residence on privately-owned land.</p> <table><caption>Table 5: Air quality criteria</caption><thead><tr><th>Pollutant</th><th>Averaging Period</th><th>Criterion</th></tr></thead><tbody><tr><td>Particulate matter < 10 µm (PM10)</td><td>Annual</td><td>a,d 30 µg/m³</td></tr><tr><td>Particulate matter < 10 µm (PM10)</td><td>24 hour</td><td>b 50 µg/m³</td></tr><tr><td>Total suspended particulates (TSP)</td><td>Annual</td><td>a,d 90 µg/m³</td></tr><tr><td>^c Deposited dust</td><td>Annual</td><td>b 2 g/m²/month a,d 4 g/m²/month</td></tr></tbody></table> <p>Notes for Table 5:</p> <ul style="list-style-type: none">• Cumulative impact (ie increase in concentrations due to the development plus background concentrations due to all other sources).• Incremental impact (ie incremental increase in concentrations due to the development with zero allowable exceedances of the criteria over the life of the development).• Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003: Methods for Sampling and Analysis of Ambient Air - Determination of Particulate Matter - Deposited Matter - Gravimetric Method.• Excludes extraordinary events such as bushfires, prescribed burning, dust storms, sea fog, fire incidents, or any other activity agreed to by the Secretary.	Pollutant	Averaging Period	Criterion	Particulate matter < 10 µm (PM10)	Annual	a,d 30 µg/m³	Particulate matter < 10 µm (PM10)	24 hour	b 50 µg/m³	Total suspended particulates (TSP)	Annual	a,d 90 µg/m³	^c Deposited dust	Annual	b 2 g/m²/month a,d 4 g/m²/month	<p>One complaint was received by the EPA in relation to the quarry. Quarry Solutions received a copy of the EPA incident report from the EPA on 12 February 2019. The incident related to dust impacting on both workers at the quarry and surrounding properties. Quarry Solutions advised that a response was given to the EPA by reply email on the same day and that the DPIE was included in the response. The response informed the EPA that monthly routine dust monitoring confirmed compliance with the dust criteria in the EPL and that dust management measures were occurring as per the requirements of the EPL. It is understood that no further issues were raised by the EPA or DPIE</p>	C	<p>KIS Quarries Dust Monitoring Result Data – January 2020 to January 2024</p> <p>Annual Reports 2021 – 2023</p> <p>Coraki Quarry Air Quality Management Plan (Groundwork Plus, November 2017)</p>	<p>No air quality complaints received during the reporting period and air quality data was compliant throughout 2021 – 2024. Onsite measures to manage air quality include water trucks, sprays and limiting vehicle and machinery movements to designated routes. Strategies and mitigation measures are outlined in Section 6 of the Air Quality Management Plan (AQMP).</p>	C
Pollutant	Averaging Period	Criterion																			
Particulate matter < 10 µm (PM10)	Annual	a,d 30 µg/m³																			
Particulate matter < 10 µm (PM10)	24 hour	b 50 µg/m³																			
Total suspended particulates (TSP)	Annual	a,d 90 µg/m³																			
^c Deposited dust	Annual	b 2 g/m²/month a,d 4 g/m²/month																			

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<ul style="list-style-type: none"> "Reasonable and feasible avoidance and mitigation measures" includes, but is not limited to, the operational requirements in conditions 14 and 15 to develop and implement an air quality management system that ensures operational responses to the risks of exceedance of the criteria. 					
13	<p>AIR QUALITY;</p> <p>Quarry-owned Land</p> <p>The Applicant must ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the development do not cause exceedances of the criteria in Table 5 at any occupied residence on quarry-owned land (including land owned by another quarry owner) unless:</p> <ol style="list-style-type: none"> The tenant has been notified of any health risks associated with such exceedances in accordance with the notification requirements under Schedule 4 of this consent; and The tenant of any land owned by the Applicant can terminate their tenancy agreement without penalty at any time, subject to giving reasonable notice; to the satisfaction of the Secretary. 	There are no occupied tenants on quarry owned land.	NT	<p>Interview P Roberts</p> <p>Site visit</p>	There are no occupied tenancies on quarry-owned land.	NT
14	<p>AIR QUALITY;</p> <p>Operating Conditions</p> <p>The Applicant must:</p> <ol style="list-style-type: none"> Implement best practice management to minimise the dust emissions of the development; Regularly assess meteorological and air quality monitoring data and relocate, modify and/or stop operations associated with the development to ensure compliance with the air quality criteria in this consent; Minimise the air quality impacts of the development during adverse meteorological conditions and extraordinary events (see notes under Table 5); Monitor and report on compliance with the relevant air quality conditions in this consent; and Minimise the area of surface disturbance and undertake progressive rehabilitation of lands 	<p>The audit found that weather data is considered when planning works.</p> <p>A water cart was present on site</p> <p>Dust Monitoring is regularly occurring (quarterly)</p> <ol style="list-style-type: none"> Progressive rehabilitation of lands has not occurred as the whole of the approved site is still being used for quarrying operations. 	C	<p>Weather station data (GPlus Live)</p> <p>Annual Reports 2021 – 2023</p> <p>https://www.emonitoring.com.au/coraki-document-display</p>	A weather station was observed during the site visit and excerpts from the site's live weather monitoring system, GPlus Live, were provided during the audit process. All measures detailed in 2018 and 2021 audit findings still apply. Dust monitoring data is available on the Project website and in each Annual Report. No air quality exceedances were recorded during the reporting period.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	associated with the development, to the satisfaction of the Secretary.					
15	<p>AIR QUALITY;</p> <p>Air Quality Management Plan</p> <p>The Applicant must prepare an Air Quality Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <ul style="list-style-type: none"> Be submitted to the Secretary for approval within 6 months of the date of this consent, or prior to the commencement of operations, whichever is earlier, unless otherwise agreed by the Secretary; Describe the measures that would be implemented to ensure: <ul style="list-style-type: none"> a) Compliance with the relevant conditions of this consent; b) Best practice management is being employed; and c) The air quality impacts of the development are minimised during adverse meteorological conditions and extraordinary events; Describe the proposed air quality management system; and Include an air quality monitoring program that: <ul style="list-style-type: none"> d) Is capable of evaluating the performance of the development; e) Includes a protocol for determining any exceedances of the relevant conditions of consent; f) Effectively supports the air quality management system; and g) Evaluates and reports on the adequacy of the air quality management system. <p>The Applicant must implement the approved management plan by the Secretary.</p>	<p>The plan was approved in 2017 prior to this audit period.</p> <p>Evidence of implementation included</p> <p>Material is dampened with constant spray at the processing</p> <p>Water carts are used</p> <p>Weather data and dust is monitored.</p>	C	<p>Coraki Quarry Air Quality Management Plan (Groundwork Plus, November 2017)</p> <p>Site visit</p> <p>Dust monitoring results</p>	<p>The AQMP was approved in 2017. Evidence of implementation is evident through dust monitoring results for the reporting period and an absence of air quality complaints during the reporting period. Water carts and water cart infrastructure was observed onsite during the site visit, although overnight rain prior to the visit meant no carts were observed in action.</p>	C
16	<p>AIR QUALITY;</p> <p>Meteorological Monitoring</p> <p>For the life of the development, the Applicant must ensure that there is a suitable meteorological station operating in the vicinity of the site that complies with the requirements in the <i>Approved Methods for</i></p>	<p>The site has its own weather station.</p>	C	<p>Weather station data (GPlus Live)</p>	<p>A weather station was observed during the site visit and excerpts from the site's live weather monitoring system, GPlus Live, were provided during the audit process.</p>	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<i>Sampling of Air Pollutants in New South Wales</i> guideline.					
17	AIR QUALITY; Greenhouse Gas Emissions The Applicant must implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the development.	Greenhouse Gas Emissions are managed on site by mobile plant and equipment being fitted with latest and energy efficient motors which contain emissions control. These are maintained to manufactures standard. Maintenance records were viewed on site during the site audit.	C	Site visit Interview R O'Brien	Pre-start check sample was reviewed for 18/3/2024 CAT Model 972 (Plant number 1421). Operator had checked the vehicle for defects, noting RF guard and LF tyre as requiring maintenance. The maintenance requirement then gets diarised. Quarry staff indicated that maintenance is largely outsourced. Plant and equipment observed during the site visit appeared well maintained and showed no signs of excess smoke or neglect. Mobile plant and equipment are relatively modern and contain emission controls. No fuel is stored onsite.	C
18	SOIL AND WATER; Water Supply The Applicant must ensure that it has sufficient water for all stages of the development and, if necessary, adjust the scale of operations under the consent to match its available water supply, to the satisfaction of the Secretary.	Water tanks are at the top of the cut, water is pumped up from the basins and reused on site. Interviews with staff indicate that water has never been purchased for use as site water. The former manager noted that during very dry periods when the onsite sediment basins were low, QS did use surface water collected in the quarry sump of the nearby QS Woodburn Quarry to ensure that sufficient water was available for dust control at the Coraki Quarry.	C	Site visit Interview P Roberts	Water tanks are at the top of the cut, water is pumped up from the basins and reused on site. Interviews with staff indicate that water has never been purchased for use as site water.	C
19	SOIL AND WATER; Water Discharges The Applicant must comply with the discharge limits in any relevant EPL, or with section 120 of the POEO Act.	There have been no discharges from site to date.	NT	Interview P Roberts, J Lawler Site visit	There have been no controlled discharges from site to date.	NT
20	SOIL AND WATER; Groundwater In the event that groundwater in excess of negligible quantities is intersected during extraction activities,	The extraction limit of AHD 18 was designed specifically so that groundwater would not be intercepted. Therefore, there is no risk of intercepting groundwater at AHD 18	NT	EIS Interview P Roberts, J Lawler	The extraction limit of AHD 18 was designed specifically so that groundwater would not be intercepted. Therefore, there is no risk of intercepting groundwater at AHD 18 and this has not occurred to date.	NT

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>the Applicant must undertake a hydrogeological investigation, in consultation with DPE Water to the satisfaction of the Secretary. The investigation must report on groundwater sources, levels, yield and quality; identify any risks to groundwater users or groundwater dependent ecosystems and propose recommended management measures.</p> <p>The Applicant must implement reasonable and feasible management measures recommended by the hydrogeological investigation, to the satisfaction of the Secretary.</p>					
21	<p>SOIL AND WATER;</p> <p>Water Management Plan</p> <p>The Applicant must prepare a Water Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <ol style="list-style-type: none"> Be prepared by suitably qualified and experienced person/s approved by the Secretary; Be prepared in consultation with the EPA and DPE Water; Be submitted to the Secretary for approval within 6 months of the date of this consent, or prior to the commencement of operations, whichever is earlier, unless otherwise agreed by the Secretary; Include a: <ol style="list-style-type: none"> Site Water Balance that includes details of: The volume of water deficit and/or surplus for dry, average and wet years, considering all planned water management infrastructure; Sources and security of water supply, including on-site water storages; Water use and management on site; Any off-site water transfers or discharges including discharge volumes and frequency; Reporting procedures; and Measures that would be implemented to minimise clean water use on site; and Surface Water Management Plan, that includes: <ol style="list-style-type: none"> Detailed baseline data on surface water flows and quality in water bodies that could 	<p>The site visit noted that in accordance with the plan the following was implemented.</p> <p>Clean water diversion drains</p> <p>Dirty water diversion drains</p> <p>Water storages (sedimentation basins)</p> <p>Dedicated and protected Stockpiling areas</p> <p>On-site reuse of surface water runoff (in dust carts)</p> <p>Even in flood events water is contained in basins and in the excavation in the pit.</p> <p>The site has been designed to be well in excess of Seelems Creek</p>	C	<p>Coraki Quarry Water Management Plan (Calibre Consulting, February 2018)</p> <p>Site visit</p>	<p>The WMP has been previously approved and is being implemented on site. The site visit noted that in accordance with the plan the following was implemented:</p> <ul style="list-style-type: none"> Clean and dirty water diversion drains Sediment basins (storage) On-site reuse of surface water runoff for dust suppression Ample capacity for water storage during flood events 	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>potentially be affected by the development;</p> <p>b) A detailed description of the surface water management system on site including the:</p> <ol style="list-style-type: none"> Clean water diversion system; Erosion and sediment controls; Dirty water management system; and Water storages; <p>c) Provision of a 40 metre buffer zone between watercourses and quarrying operations; and</p> <p>d) A program to monitor and report on:</p> <ol style="list-style-type: none"> Any surface water discharges; The effectiveness of the water management system; and Surface water flows and quality in local watercourses. <p>The Applicant must implement the approved management plan as approved from time to time by the Secretary.</p>					
22	<p>TRANSPORT;</p> <p>Transport Routes</p> <p>All laden trucks travelling from the development to the Pacific Highway must travel via Petersons Quarry Road, Lagoon Road, Casino – Coraki Road, Queen Elizabeth Drive and Coraki - Woodburn Road. Trucks returning to the site from the Pacific Highway must return via the same route and enter the development via Seelems Road or Petersons Quarry Road.</p> <p>This condition does not apply:</p> <ol style="list-style-type: none"> When road closures on the above route are in place; When delivering to sites not involving travel on the Pacific Highway, such as within the local area or sites to the northwest or north of the quarry (e.g. Casino or Lismore); and In an emergency to avoid the loss of lives, property and/or to prevent environmental harm. 	<p>Traffic audit reviewed the haul routes and noted that the driver code of conduct is being adhered to. This report also made a recommendation that Transport Management Plan be updated to note that the Pacific Highway now bypasses Woodburn and the most direct route to and from the quarry to the Pacific Highway is now via Uralba Street rather than River Street through the Woodburn village. Discussions with the Quarry management team indicate that the revision of the TMP is underway.</p>	C	<p>Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023)</p> <p>Complaints Register</p> <p>Annual Reports 2021 – 2023</p>	<p>All drivers are Site Inducted and agree to the Drivers Code of Conduct which is outlined in Attachment 2 of the Transport Management Plan.</p> <p>No laden trucks have left the Coraki footprint since June 2023 however movements prior to this time are understood to have taken this route. No traffic-related complaints have been received during the reporting period.</p>	C
23	<p>TRANSPORT;</p> <p>Road Upgrades</p> <p>The Applicant must cause the following road upgrade works to be undertaken to the satisfaction of the Council or the TfNSW (whichever is the relevant</p>	<p>The road upgrade works at Seelems Road has not been triggered as Seelems Road is currently not in use.</p> <p>b Road upgrades were completed prior to this audit period.</p>	C	<p>Interview J Lawler</p> <p>Site visit</p> <p>2021 IEA Report (NGH, 2021)</p>	<p>The anticipated western quarry footprint was not developed and Seelems Road access has not been required. Road upgrades specified by Condition (b) were completed during an earlier audit period.</p>	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>roads authority):</p> <p>(a) prior to trucks returning to the site utilising Seelems Road, provision of a minimum 6 metre sealed carriageway on Seelems Road from Petersons Quarry Road to a point approximately 200 metres west of the entrance to the industrial facility at 30 Seelems Road; and</p> <p>(b) prior to commencing despatch of laden trucks from the development, asphaltic concrete/hot mix sealing of the intersections of Petersons Quarry Road and Lagoon Road; Lagoon Road and Casino – Coraki Road; and Woodburn – Coraki Road and the Pacific Highway.</p>					
24	<p>TRANSPORT;</p> <p>Road Upgrades</p> <p>Prior to commencing the road upgrade works required under condition 23, the Applicant must:</p> <p>a) Notify Council and/or the RMS (whichever is the relevant roads authority) in writing of any existing damage to the sections of road and the intersections listed in condition 23; and</p> <p>b) Lodge a defects liability bond with Council based on 10% of the quantity-surveyed cost of the upgrade</p> <p>c) works for roads for which the Council is the relevant roads authority.</p>	<ul style="list-style-type: none"> This work was completed prior to this reporting period. 	C	2021 IEA Report (NGH, 2021)	This work was completed during an earlier reporting period.	C
25	<p>TRANSPORT;</p> <p>Monitoring of Product Transport</p> <p>The Applicant must, by the use of a weighbridge, make, and retain for at least 12 months, records of the time of arrival, time of dispatch, weight of load and vehicle identification for each laden truck dispatched from the development. These records must be made available to the Department on request and a summary included in the Annual Review.</p>	<p>Weighbridge data is maintained for all laden trucks recording the required data</p> <p>A review of annual reviews shows that a summary is included in the reports.</p>	C	<p>Annual Reports 2021 – 2023</p> <p>Weighbridge Docket 10221093 16/03/2022</p> <p>Site visit</p> <p>Interview J Lawler, P Roberts</p>	Weighbridge data is maintained for all laden trucks recording the required data. An example docket (16/03/2022) was provided for review during the audit and the weighbridge system was explained by onsite staff during the site visit.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
26	<p>TRANSPORT;</p> <p>Operating Conditions</p> <p>The Applicant must:</p> <ul style="list-style-type: none"> Ensure that all laden trucks entering or exiting the site have their loads covered; and Ensure that all laden trucks exiting the site are cleaned of materials that may fall on the road, before leaving the site. Use its best endeavours to ensure that appropriate signage is displayed on all trucks used to transport product from the development so they can be easily identified by road users. 	<p>The site visit noted that trucks are covered.</p> <p>The induction material includes this requirement. It is also a legal requirement for all road users.</p> <p>Random inspections of load covering are completed by checking remote camera over the weighbridge. No dates are recorded</p>	C	<p>Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023)</p> <p>Complaints Register</p> <p>Annual Reports 2021 – 2023</p>	<p>The requirement to cover loads is included as part of the site induction and Drivers Code of Conduct (Attachment 2 of the Transport Management Plan).</p> <p>No trucks related to the Coraki footprint have left the site since June 2023 so observations were not able to be made during the site visit. However, no traffic-related complaints or incidents occurred during the reporting period.</p>	C
27	<p>TRANSPORT;</p> <p>Transport Management Plan</p> <p>The Applicant must prepare a Transport Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <ol style="list-style-type: none"> Be prepared in consultation with TfNSW and Council and submitted to the Secretary for approval within 6 months of the date of this consent, or prior to the commencement of despatch of laden trucks from the development, whichever is earlier, unless otherwise agreed by the Secretary; Provide a clear description of the transport routes; Describe the processes in place for the control of truck movements; Describe the measures to be implemented to minimise noise from transport operations; Detail the procedures for receiving and addressing complaints from the community concerning traffic issues associated with heavy vehicles arriving at or leaving the development; Describe the driver induction and training processes; Include a Drivers' Code of Conduct that details the safe and quiet driving practices that must be used by drivers transporting products to and from the quarry, particularly having regard to school bus routes, intersections or sections of road where there is potential for close 	<p>The transport management plan is implemented via the driver code of conduct included in the induction material.</p> <p>There have been no further changes to the TMP.</p> <p>A traffic road safety audit was completed by TTM in 2021 and found no non compliances with the TMP.</p> <p>The report recommended that the Transport Management Plan be updated to note that the Pacific Highway now bypasses Woodburn and the most direct route to and from the quarry to the Pacific Highway is now via Uralba Street rather than River Street through the Woodburn village.</p>	C	<p>Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023)</p>	<p>The TMP has been previously approved and has been appropriately implemented during the reporting period via the Driver Code of Conduct and induction material. The TMP was updated in September 2023 in response to Mod-4.</p>	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>interactions between passing trucks, and the location of residential properties and associated private access roads; and</p> <p>h) Describe the measures that would be put in place to ensure compliance with the Drivers' Code of Conduct.</p> <p>The Applicant must implement the management plan as approved by the Secretary.</p>					
28	<p>TRANSPORT;</p> <p>Independent Traffic Audit</p> <p>Within 6 months of commencement of transport operations, and every three years thereafter, unless the Secretary directs otherwise, the Applicant must commission a suitably qualified person, whose appointment has been approved by the Secretary, to conduct an independent traffic audit of the development. This audit must:</p> <ul style="list-style-type: none"> i. Have the site verification component of the audit undertaken without prior notice to the Applicant; i. Assess the impact of the development on the performance of the road network; i. Investigate any incidents involving heavy vehicles associated with the development, including reviewing any community complaints; /. assess the effectiveness of the Drivers Code of Conduct; and /. Recommend any necessary measures to reduce or mitigate any adverse (or potentially adverse) impacts. <p>Within one month of receiving the audit report, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary, with a response to any of the recommendations contained in the audit report, to the satisfaction of the Secretary.</p>	<p>An extension of time to undertake the traffic management report was granted by DPIE on 26/06/2020, allowing the report to be submitted by y 30 June 2021.</p> <p>The auditor received a copy of the draft Traffic Road Safety Audit dated May 2021.</p>	C	DPE correspondence confirming extension of time for Independent Traffic Audit requirement – 22/01/2024	An extension of time to undertake the Independent Traffic Audit was granted by DPHI on 22/01/2024, allowing the report to be submitted by 30 April 2025.	C
29	<p>ABORIGINAL HERITAGE;</p> <p>Aboriginal Cultural Heritage Management Plan</p> <p>The Applicant must prepare an Aboriginal Cultural</p>	<p>Two non-disturbance zones are on site and defined by the vegetated bunds on site. Zones are clearly defined as per the approved site plan.</p> <p>There have been no changes to this plan and no</p>	C	Aboriginal Cultural Heritage Management Plan (November 2017)	There have been no changes to this plan and no unexpected finds have occurred during the reporting period.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>Heritage Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <ul style="list-style-type: none"> be prepared in consultation with Heritage NSW and the Aboriginal community, and be submitted to the Secretary for approval prior to the commencement of operations; and Include: <ul style="list-style-type: none"> A detailed description of the measures that would be implemented to protect Aboriginal sites outside the quarry disturbance area including the two Indigenous Heritage Non-disturbance Zones (shown in Appendix 2); A description of the measures that would be implemented if any new Aboriginal objects or skeletal remains are discovered during quarrying operations; and Protocol for the ongoing consultation and involvement of the Aboriginal community in the conservation and management of Aboriginal cultural heritage on the site. <p>The Applicant must implement the management plan as approved by the Secretary.</p>	unexpected finds have occurred.				
30	<p>ABORIGINAL HERITAGE;</p> <p>Aboriginal Cultural Heritage Management Plan</p> <p>If any item or object of Aboriginal heritage significance is identified on land associated with the development, the Applicant must ensure that:</p> <ol style="list-style-type: none"> All work in the immediate vicinity of the Aboriginal item or object ceases immediately; A 10 m buffer area around the item or object is cordoned off with high visibility flagging tape, or the like; and The Heritage NSW is contacted immediately. <p>Work in the vicinity of the Aboriginal item or object may only recommence in accordance with the provisions of Part 6 of the <i>National Parks and Wildlife Act 1974</i>.</p>	There have been no changes to this plan and no unexpected finds have occurred	C	Aboriginal Cultural Heritage Management Plan (November 2017)	There have been no changes to this plan and no unexpected finds have occurred during the reporting period.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT								
31	<p>BIODIVERSITY AND REHABILITATION;</p> <p>The Applicant must rehabilitate the lands associated with the development to the satisfaction of the Secretary. This rehabilitation must be generally consistent with the rehabilitation strategy in the EIS and must comply with the objectives in Table 6.</p> <p>Table 6: Rehabilitation objectives</p> <table><tr><th>Feature</th><th>Objective</th></tr><tr><td>Lands associated with the development (as a whole)</td><td><ul style="list-style-type: none">Safe, stable and non-pollutingFinal landform integrated with surrounding natural landforms as far as is reasonable and feasible, and designed to minimise the visual impacts of the development when viewed from surrounding land</td></tr><tr><td>Surface Infrastructure</td><td><ul style="list-style-type: none">Decommissioned and removed, unless required for the ongoing operation of Petersons Quarry or as agreed with the Secretary</td></tr><tr><td>Quarry Benches and Pit Floor</td><td><ul style="list-style-type: none">Revegetated using a combination of pasture species and native vegetation corridors, which link other remnant vegetation on site</td></tr></table>	Feature	Objective	Lands associated with the development (as a whole)	<ul style="list-style-type: none">Safe, stable and non-pollutingFinal landform integrated with surrounding natural landforms as far as is reasonable and feasible, and designed to minimise the visual impacts of the development when viewed from surrounding land	Surface Infrastructure	<ul style="list-style-type: none">Decommissioned and removed, unless required for the ongoing operation of Petersons Quarry or as agreed with the Secretary	Quarry Benches and Pit Floor	<ul style="list-style-type: none">Revegetated using a combination of pasture species and native vegetation corridors, which link other remnant vegetation on site	<p>Progressive rehabilitation has not yet commenced because terminal benches have not been reached.</p> <p>Works are underway to lodge a development application for the extension of the Petersons Quarry to use the areas of disturbance of the Coraki Quarry. It is intended that the Petersons Quarry would continue to operate over the Coraki Quarry area and therefore take on the long term rehabilitation obligations for the site.</p> <p>The auditor was provided with a copy of the SEARS for this proposed development.</p>	NT	<p>RVC Notice to Applicant of Determination of a Development Application DA2022/0250 – 4/07/2023</p> <p>Annual Reports 2021 – 2023</p> <p>Interview J Lawler</p>	<p>All areas of the quarry are currently still operational. The quarry has obtained a Development Approval with RVC in order to surrender SSD-7036 and works are currently underway to facilitate this transition. The rehabilitation commitments of SSD-7036 will be transferred to the RVC DA for implementation at the quarry end of life.</p>	NT
Feature	Objective													
Lands associated with the development (as a whole)	<ul style="list-style-type: none">Safe, stable and non-pollutingFinal landform integrated with surrounding natural landforms as far as is reasonable and feasible, and designed to minimise the visual impacts of the development when viewed from surrounding land													
Surface Infrastructure	<ul style="list-style-type: none">Decommissioned and removed, unless required for the ongoing operation of Petersons Quarry or as agreed with the Secretary													
Quarry Benches and Pit Floor	<ul style="list-style-type: none">Revegetated using a combination of pasture species and native vegetation corridors, which link other remnant vegetation on site													
32	<p>BIODIVERSITY AND REHABILITATION;</p> <p>Progressive Rehabilitation</p> <p>The Applicant must rehabilitate the lands associated with the development progressively, that is, as soon as reasonably practicable following disturbance. All reasonable and feasible measures must be taken to minimise the total area exposed for dust generation at any time. Interim stabilisation measures must be implemented where reasonable and feasible to control dust emissions in disturbed areas that are not active and which are not ready for final rehabilitation.</p> <p><i>Note: It is accepted that parts of the lands associated with the development that are progressively rehabilitated may be subject to further disturbance in future.</i></p>		NT	As above	As above	NT								
33	<p>BIODIVERSITY AND REHABILITATION;</p> <p>Biodiversity and Rehabilitation Management Plan</p> <p>The Applicant must prepare a Biodiversity and Rehabilitation Management Plan for the site to the satisfaction of the Secretary. This plan must:</p> <p>a) Be prepared in consultation with BCD, and be submitted to the Secretary for approval within 6 months of the date of this consent, or prior</p>	<p>A DA is underway to extend the Petersons quarry operation to take on Coraki. This DA will take on the long term rehabilitation requirements at the site (refer COA 31 above)</p> <p>The site inspection noted (refer to photos) that no disturbance to the <i>Macadamia tetraphylla</i> Stands or Hoop Pine Dry Rainforest community.</p>	C	<p>Site visit</p> <p>RVC Notice to Applicant of Determination of a Development Application DA2022/0250 – 4/07/2023</p> <p>Annual Reports 2021 – 2023</p> <p>Interview J Lawler</p>	<p>A BMP has been prepared for the Project that satisfies the requirements of this Condition.</p> <p>All areas of the quarry are currently still operational. The quarry has obtained a Development Approval with RVC in order to surrender SSD-7036 and works are currently underway to facilitate this transition. The rehabilitation commitments of SSD-7036 will be transferred to the RVC DA for implementation at the quarry end of life. No</p>	C								

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>to the commencement of operations, whichever is earlier, unless the Secretary agrees otherwise;</p> <p>b) Provide details of the conceptual final landform and associated land uses for the site;</p> <p>c) Describe how the management of biodiversity would be integrated with the overall rehabilitation of the site;</p> <p>d) Include detailed performance and completion criteria for evaluating the performance of the biodiversity management measures and rehabilitation of the site, including triggers for any necessary remedial action;</p> <p>e) Describe the short, medium and long-term measures that would be implemented to:</p> <p>f) Protect and enhance the remnant vegetation and habitat on the site, including the measures to:</p> <p>Protect the <i>Macadamia tetraphylla</i>, endangered ecological communities and threatened species on site;</p> <p>Rehabilitate the <i>Macadamia tetraphylla</i> buffer area, Hoop Pine Dry Rainforest community, and the Seelems Creek rehabilitation area as shown in Appendix 6;</p> <p>Ensure compliance with the rehabilitation objectives, and the progressive rehabilitation obligations in this consent;</p> <p>g) Include a program to monitor the effectiveness of these measures, and progress against the performance and completion criteria;</p> <p>h) Identify the potential risks to the successful implementation of the plan and include a description of the contingency measures that would be implemented to mitigate these risks; and</p> <p>i) Include details of who would be responsible for monitoring, reviewing, and implementing the plan.</p> <p>The Applicant must implement the management plan as approved by the Secretary.</p>			Coraki Quarry Biodiversity and Rehabilitation Management Plan (BAAM Ecological Consultants, February 2018)	<p>rehabilitation has been commenced as the quarry is still fully operational.</p> <p>The site inspection noted that no disturbance to the <i>Macadamia tetraphylla</i> Stands or Hoop Pine Dry Rainforest community has occurred and that this area of the site is not easily accessed.</p>	
34	BIODIVERSITY AND REHABILITATION;	The Bond has been transferred from Quarry solutions	NC	2021 IEA Report (NGH, 2021)	Bond payment requirement satisfied during previous reporting period however. At DPHI's request, this finding	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>Conservation and Rehabilitation Bond</p> <p>Within 6 months of the approval of the Biodiversity and Rehabilitation Management Plan, the Applicant must lodge a Conservation and Rehabilitation Bond with the Department to ensure that the management of biodiversity and the rehabilitation of the lands associated with the development are implemented in accordance with the performance and completion criteria set out in the Biodiversity and Rehabilitation Management Plan. The sum of the bond must be determined by:</p> <ul style="list-style-type: none"> a) Calculating the cost of rehabilitating the lands associated with the development taking into account the likely surface disturbance over the next 3 years of quarrying operations; and b) Employing a suitably qualified quantity surveyor or other expert to verify the calculated costs, to the satisfaction of the Secretary. <p><i>Note: If the rehabilitation of the site is completed to the satisfaction of the Secretary, then the Secretary will release</i></p> <p><i>the bond. If the rehabilitation of the site is not completed to the satisfaction of the Secretary, then the Secretary will call in all or part of the bond, and arrange for the completion of the relevant works.</i></p>	<p>to KIS.</p> <p>Rehabilitation of land is not triggered as there has been no clearing of vegetation.</p> <p>The 2018 Annual Review identified that the Bond had not been lodged by the due date of 5 October 2018 (six months from approval of the Biodiversity and rehabilitation plan on 6 March 2018).</p> <p>The bond was lodged with DPIE in May 2019</p>			has been changed to 'compliant' as the Proponent has not been found to be non-compliant with this Condition during the reporting period.	
35	<p>BIODIVERSITY AND REHABILITATION;</p> <p>Conservation and Rehabilitation Bond</p> <p>Within 3 months of each Independent Environmental Audit (see condition 10 of Schedule 5), the Applicant must review, and if necessary revise, the sum of the Conservation and Rehabilitation Bond to the satisfaction of the Secretary. This review must consider the:</p> <ul style="list-style-type: none"> a) Effects of inflation; b) Likely cost of rehabilitating the site (taking into account the likely surface disturbance over the next 3 years of the development); and 	<p>The bond calculation was sent to DPIE in March 2018. The first IEA was issued in May 2018.</p> <p>The amount of the bond was approved by DPIE in a letter dated 25 June 2018.</p> <p>Therefore, a review was not required within 3 months of the first IEA (as the bond had not been approved within that period).</p> <p>The 2018 Annual Review identified that the Bond had not been lodged by the due date of 5 October 2018.</p> <p>The bond was lodged with DPIE in May 2019</p>	C	<p>Annual Report 2021</p> <p>Site visit</p>	The 2021 Annual Report indicates that the bond did not require revision following the 2021 IEA as the bond is sufficient to cover the full extent of necessary clearing. No changes to the clearing footprint have been made since the initial bond approval.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	c) Performance of the implementation of the rehabilitation of the site to date.					
36	VISUAL IMPACTS; The Applicant must implement all reasonable and feasible measures to minimise the visual impacts of the development, including establishing the vegetated acoustic bunds shown in Appendix 5, to the satisfaction of the Secretary.	Internal bunds and bunds surrounding site are covered well vegetated.	C	Site visit	Internal bunds and bunds surrounding site are well vegetated and the development has minimal apparent visual impact.	C
37	WASTE; The Applicant must: <ul style="list-style-type: none"> a) Manage on-site sewage treatment and disposal in accordance with the requirements of its EPL, and to the satisfaction of the EPA and Council; b) Minimise the waste generated by the development; c) Ensure that the waste generated by the development is appropriately stored, handled and disposed of; and d) Report on waste management and minimisation in the Annual Review, to the satisfaction of the Secretary. 	Quarry Solutions had an additional toilet on site that required pump out. Septic Pump out records were available until the end of 2019. When KIS took over management of the site, this temporary toilet was removed. The toilets at the site office are has been connected to Town Sewer. There is no waste generated from the extraction. Equipment maintenance contractors are required to take waste (oily rags, replaced parts etc) offsite. The annual review incudes a summary of was and for the 2019 review a waste register is included.	C	Annual Reports 2021 – 2023	A waste register is included in each Annual Report and each register indicates minimal waste generation onsite. Waste stream separation was observed during the site inspection, noting separate bins for steel and oily rags. The toilets at the site office have been previously connected to the town sewerage system.	C
38	LIQUID STORAGE; The Applicant shall ensure that all liquid tanks and similar storage facilities (other than for water) are protected by appropriate bunding or other containment, in accordance with the relevant Australian Standards.	Quarry Solutions used to have waste oil stored in 1000L pods and recycled by Richmond Waste Services. Since KIS have taken over the quarry, there is no waste oil on site and all liquid waste is removed from site by the maintenance contractor (Westrack).	C	Annual Reports 2021 – 2023 Site visit Interview P Roberts	No bulk liquids are currently stored on site. Any waste oil is removed by maintenance contractors when onsite undertaking plant and equipment maintenance.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
39	DANGEROUS GOODS; The Applicant must ensure that the storage, handling, and transport of dangerous goods is done in accordance with the relevant <i>Australian Standards</i> , particularly AS1940 and AS1596, and the <i>Dangerous Goods Code</i> .	Maintenance contractor (Westrack) brings all necessary equipment including oils grease and fuel. Fuelling is undertaken by Minitankers PTY Ltd	NT	Site visit Interview P Roberts	Dangerous goods are not stored onsite, apart from minimal aerosols (paint etc.) which were observed in cabinets within the workshop. As per previous audits, maintenance contractors bring necessary oils and grease to site when maintenance is required and refuelling is completed by an external contractor.	NT
40	DANGEROUS GOODS; The Applicant must undertake a transport safety study to the satisfaction of the Secretary and in accordance with <i>Hazardous Industry Planning Advisory Paper No 11: Route Selection (HIPAP11)</i> prior to transporting hazardous materials above the threshold contained in <i>State Environmental Planning Policy 33 Hazardous and Offensive Development</i> .	The EIS noted that Ammonium nitrate suspension (Class 5.1 (III) dangerous good) is used by the quarry as an explosives pre-cursor. It is not stored on site. It is transported and handled by the blasting contractor under the various licences and approvals held by the contractor. Table 2 of the SEPP 33 guideline identifies thresholds which trigger assessment. The threshold has not been triggered by the quarry. Therefore, the requirement to undertake a transport safety study in Condition 40 is not triggered.	NT	EIS 2021 IEA Report (NGH, 2021)	The EIS noted that Ammonium nitrate suspension (Class 5.1 (III) dangerous good) is used by the quarry as an explosives pre-cursor. It is not stored on site. It is transported and handled by the blasting contractor under the various licences and approvals held by the contractor. Table 2 of the SEPP 33 guideline identifies thresholds which trigger assessment. The threshold has not been triggered by the quarry. Therefore, the requirement to undertake a transport safety study in Condition 40 is not triggered.	NT
41	BUSHFIRE; The Applicant must: a) Ensure that the development is suitably equipped to respond to any fires on site; and b) Assist the NSW Rural Fire Service and emergency services as much as possible if there is a fire in the vicinity of the site.	a) There has been no requirement to date to respond to bushfire, however the site has basins and water storage tanks if required.	NT	Site visit	No bushfire response has been required during the reporting period however a water truck is permanently situated on site and ample water is stored in onsite water tanks and basins.	NT
Schedule 4 – Additional Procedures						
1	NOTIFICATION OF LANDOWNERS As soon as practicable and no longer than 7 days after obtaining monitoring results showing: a) An exceedance of any relevant criteria in Schedule 3, the Applicant must notify the affected landowners in writing of the exceedance, and provide regular monitoring results to each affected landowner until the development is again complying with the relevant criteria; and	a) The audit noted that two of the incident reports for noise exceedances, it was documented that landholders were notified the day after the monitoring results were received by Quarry Solutions. There is no documented evidence that for the June 2018 exceedance that landowners were notified on the incident report however staff interviews indicate that this did occur.	C	Coraki Quarry 2021 Annual Report (Groundwork Plus, March 2022) Coraki Quarry 2022 Annual Report (Groundwork Plus, March 2023) Coraki Quarry 2023 Annual Report (Groundwork Plus, March 2024)	No noise exceedances occurred during the reporting period.	NT

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	b) An exceedance of any relevant air quality criteria in Schedule 3, the Applicant must send a copy of the NSW Health fact sheet entitled <i>"Mine Dust and You"</i> (as may be updated from time to time) to the affected landowners and current tenants of the land (including the tenants of land which is not privately-owned).			Interview J Lawler		
2	INDEPENDENT REVIEW If an owner of privately-owned land considers the development to be exceeding the relevant criteria in Schedule 3, then he/she may ask the Secretary in writing for an independent review of the impacts of the development on his/her land.		NT	Interview J Lawler Interview P Roberts	Trigger for review did not occur during the reporting period.	NT
3	INDEPENDENT REVIEW If the Secretary is satisfied that an independent review is warranted, then within 2 months of the Secretary's decision the Applicant must: a) Commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to: <ul style="list-style-type: none"> Consult with the landowner to determine his/her concerns; Conduct monitoring to determine whether the development is complying with the relevant criteria in Schedule 3; and If the development is not complying with these criteria then identify measures that could be implemented to ensure compliance with the relevant criteria; b) Give the Secretary and landowner a copy of the independent review; and c) Comply with any written requests made by the Secretary to implement any findings of the review.		NT	As above	As above	NT
4	INDEPENDENT REVIEW If the independent review determines that the development is complying with the relevant impact assessment criteria in Schedule 3, then the Applicant may discontinue the independent review with the approval of the Secretary. If the independent review determines that the		NT	As above	As above	NT

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>development is not complying with the relevant impact assessment criteria in Schedule 3, then the Applicant must:</p> <ul style="list-style-type: none"> a) Implement all reasonable and feasible measures, in consultation with the landowner, to ensure that the development complies with the relevant criteria, and conduct further monitoring to determine whether these measures ensure compliance; or b) Secure a written agreement with the landowner to allow exceedances of the relevant impact assessment criteria; to the satisfaction of the Secretary. <p>If the further monitoring referred to under paragraph (a) above determines that the development is complying with the relevant impact assessment criteria, then the Applicant may discontinue the independent review with the approval of the Secretary.</p>					
Schedule 5 – Environmental Management, Reporting and Auditing						
1	<p>ENVIRONMENTAL MANAGEMENT</p> <p><i>Environmental Management Strategy;</i></p> <p><i>If the Secretary requires;</i> the Applicant must prepare an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must:</p> <ul style="list-style-type: none"> a) Be submitted to the Secretary for approval within 6 months of the date of this consent or prior to the commencement of operations, whichever is earlier; b) Be prepared in consultation with Council; c) Provide the strategic framework for the environmental management of the development; d) Identify the statutory approvals that apply to the development; e) Describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; f) Describe the procedures that would be implemented to: 	The EMS was revised after the application for Mod 3.	C	<p>Coraki Quarry Environmental Management Strategy (Groundwork Plus, September 2023)</p> <p>Department of Planning and Environment (DPE) correspondence approving revised Environmental Management Strategy – 4/10/2023</p>	The EMS was revised during the reporting period and re-approved by the Department in October 2023. The revised EMS contains all information specified by this Condition.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<ul style="list-style-type: none"> Keep the local community and relevant agencies informed about the operation and environmental performance of the development; Receive, record, handle and respond to complaints; Resolve any disputes that may arise during the course of the development; Respond to any non-compliance; Respond to emergencies; and <p>g) Include:</p> <ul style="list-style-type: none"> Copies of any strategies, plans and programs approved under the conditions of this consent; and A clear plan depicting all the monitoring to be carried out under the conditions of this consent. <p>The Applicant must implement the approved management strategy as approved from time to time by the Secretary.</p>					
1A	<p>ENVIRONMENTAL MANAGEMENT</p> <p><i>Evidence of Consultation;</i></p> <p>Where consultation with any public authority is required by the conditions of this consent, the Applicant must:</p> <ol style="list-style-type: none"> Consult with the relevant public authority prior to submitting the required document to the Secretary for approval; Submit evidence of this consultation as part of the relevant document; Describe how matters raised by the authority have been addressed and any matters not resolved; and Include details of any outstanding issues raised by the authority and an explanation of disagreement between any public authority and the Applicant. 	Further consultation for the preparation of plans has not been undertaken. Only minor revisions to plans have occurred.	C	<p>Environmental Management Strategy and Appendices</p> <p>Interview J Lawler</p>	No consultation with public authorities regarding the preparation of plans has been required during the reporting period as only minor revisions to plans have occurred.	NT
2	<p>ENVIRONMENTAL MANAGEMENT</p> <p>Management Plan Requirements;</p> <p>The Applicant must ensure that the management plans required under this consent are prepared in</p>	<p>All plans were prepared and submitted prior to the previous audit period.</p> <p>As a result of reviews in response to audits or monitoring or modifications The EMS and noise management plan have been updated.</p>	C	<ul style="list-style-type: none"> Coraki Quarry Environmental Management Strategy (Groundwork Plus, September 2023) Noise Management Plan – Coraki Quarry (Groundwork 	<p>All plans were prepared and approved during the initial audit period however both the EMS and TMP have been updated during the reporting period in response to Mod-4.</p> <p>All management plans have been prepared in</p>	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>accordance with any relevant guidelines, and include:</p> <ul style="list-style-type: none"> a) Detailed baseline data b) A description of: <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; c) A description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria; d) A program to monitor and report on the: <ul style="list-style-type: none"> • Impacts and environmental performance of the development; and • Effectiveness of any management measures (see (c) above); e) A contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible; f) A program to investigate and implement ways to improve the environmental performance of the development over time; g) A protocol for managing and reporting any: <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 h) A protocol for periodic review of the plan. <p><i>Note: The Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</i></p>			<p>Plus, 29 October 2019)</p> <ul style="list-style-type: none"> • Coraki Quarry Blast Management Plan (Groundwork Plus, November 2017) • Coraki Quarry Air Quality Management Plan (Groundwork Plus, November 2017) • Coraki Quarry Water Management Plan (Calibre Consulting, February 2018) • Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023) • Coraki Quarry Aboriginal Cultural Heritage Management Plan (NSW Archaeology, November 2017) • Coraki Quarry Biodiversity and Rehabilitation Management Plan (BAAM Ecological Consultants, February 2018) • Coraki Quarry Environmental Management Plan (Groundwork Plus, September 2016). 	accordance with the requirements of this Condition.	
3	<p>ENVIRONMENTAL MANAGEMENT</p> <p><i>Revision of Strategies, Plans and Programs;</i></p> <p>Within 3 months of the submission of an:</p> <ul style="list-style-type: none"> a) Incident report under condition 7 below; b) Annual review under condition 9 	<p>Noise incidents occurred in in June 2018 and September 2018. A review of strategies, plans and programs had not been conducted in response to those incidents.</p> <p>Therefore a non compliance has been raised against this condition in relation to the lack of review of</p>	NC	<ul style="list-style-type: none"> • Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to 2020 Annual Review – 10/05/2021 	A review of management plans was undertaken in response to the 2020, 2021 and 2022 annual reviews, Mod-4 and the noise monitoring delay in June 2021. All reviews were completed within the required timeframe and changes made to the plans as appropriate.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>below;</p> <p>c) Audit report under condition 10 below; and</p> <p>d) Any modifications to this consent,</p> <p>The Applicant must review the strategies, plans and programs required under this consent, to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted for the approval of the Secretary.</p> <p><i>Note: The purpose of this condition is to ensure that strategies, plans and programs are regularly updated to incorporate any measures recommended to improve environmental performance of the development.</i></p>	<p>strategies in response to the 2018 noise incidents.</p> <p>In response to the 2018 Annual review, a review of strategies plans and programs was undertaken. (1837.620.004 Documentation Review_SSD7036_Schedule 5 Condition 3.pdf)</p> <p>A dust complaint from the public was made to the EPA in February 2019 and a noise incident occurred in March 2019, which triggered a review of strategies, plans and programs to be undertaken in April 2019: (1837.620.005 Documentation Review_SSD7036_Schedule 5 Condition 3.pdf)</p> <p>Mod 3 (Processing plant location) was granted in May 2019, which triggered a review of strategies, plans and programs: (1837.620.006 Documentation Review_SSD7036_Schedule 5 Condition 3_due to Mod 3_20 June 2019.pdf)</p> <p>The 2019 Annual review undertaken in March 2020 and then revised in April 2020, identified non-compliances including the noise incident in March 2019.</p> <p>In response to the 2019 Annual review, a review was undertaken of the strategies, plans and programs: (1837_300_012_Documentation Review_SSD7036_Schedule 5 Condition 3_due to 2019 Annual Review.pdf)</p> <p>The 2020 Annual Review was undertaken in March 2021, no non-compliances were identified, a review of strategies, plans and programs was conducted: (2513_300_011_LTRO_Review of documents.pdf)</p> <p>It is noted that the:</p> <ul style="list-style-type: none"> ITA was received in May 2021 and will trigger a review of strategies, plans and programs; and IEA will be received in May 2021 and will trigger a review of strategies, plans and programs 		<ul style="list-style-type: none"> Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to 2021 IEA and 2021 Traffic Audit – 10/06/2021 Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to June 2021 noise monitoring delay – 1/06/2021 Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to 2021 Annual Review – 22/04/2022 Correspondence from Groundwork Plus to KIS Quarries confirming review of management plans in response to 2022 Annual Review – 23/03/2023 Correspondence from Groundwork Plus to DPE confirming review of management plans in response to Mod-4 – 21/09/2023 		

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
4	<p>ENVIRONMENTAL MANAGEMENT</p> <p><i>Updating and Staging of Strategies, Plans or Programs;</i></p> <p>To ensure that strategies, plans and programs required under this consent are updated on a regular basis, and that they incorporate any appropriate additional measures to improve the environmental performance of the development, the Applicant may at any time submit revised strategies, plans or programs for the approval of the Secretary. With the agreement of the Secretary, the Applicant may also submit any strategy, plan or program required by this consent on a staged basis.</p> <p>With the agreement of the Secretary, the Applicant may prepare a revision of or a stage of a strategy, plan or program without undertaking consultation with all parties nominated under the applicable condition in this consent.</p> <p>Notes:</p> <ul style="list-style-type: none"> • While any strategy, plan or program may be submitted on a staged basis, the Applicant will need to ensure that the operations associated with the development are covered by suitable strategies, plans or programs at all times. • If the submission of any strategy, plan or program is to be staged; then the relevant strategy, plan or program must clearly describe the specific stage/s of the development to which the strategy, plan or program applies; the relationship of this stage/s to any future stages; and the trigger for updating the strategy, plan or program. 	The NMP and EMS were updated and submitted to the DPIE in response to MOD#3.	C	<ul style="list-style-type: none"> • Coraki Quarry Environmental Management Strategy (Groundwork Plus, September 2023) • Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019) • Coraki Quarry Blast Management Plan (Groundwork Plus, November 2017) • Coraki Quarry Air Quality Management Plan (Groundwork Plus, November 2017) • Coraki Quarry Water Management Plan (Calibre Consulting, February 2018) • Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023) • Coraki Quarry Aboriginal Cultural Heritage Management Plan (NSW Archaeology, November 2017) • Coraki Quarry Biodiversity and Rehabilitation Management Plan (BAAM Ecological Consultants, February 2018) • Coraki Quarry Environmental Management Plan (Groundwork Plus, September 2016). 	The EMS and TMP were updated and approved by DPE in response to Mod-4.	C
5	<p>REPORTING</p> <p><i>Adaptive Management;</i></p>	The noise management measures we adapted to manage noise exceedances.	C	Annual Reports 2021 – 2023	No exceedances recorded during the reporting period.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>The Applicant must assess and manage development-related risks to ensure that there are no exceedances of the criteria and/or performance measures in Schedule 3. Any exceedance of these criteria and/or performance measures constitutes a breach of this consent and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation.</p> <p>Where any exceedance of these criteria and/or performance measures has occurred, the Applicant must, at the earliest opportunity:</p> <ol style="list-style-type: none"> Take all reasonable and feasible steps to ensure that the exceedance ceases and does not reoccur; Consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any preferred remediation measures or other course of action; and Implement remediation measures as directed by the Secretary; to the satisfaction of the Secretary. 					
6	<p>REPORTING</p> <p><i>Community Consultative Committee;</i></p> <p>If directed by the Secretary, the Applicant must establish and operate a Community Consultative Committee (CCC) for the development to the satisfaction of the Secretary. Any such CCC must be operated in general accordance with the Department's Community Consultative Committee Guidelines for State Significant Projects, November 2016 (or its latest version).</p> <p><i>Notes:</i></p> <ul style="list-style-type: none"> <i>The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Applicant complies with this consent.</i> <i>In accordance with the guidelines, the Committee should comprise an independent chair and appropriate</i> 		NT	<p>Annual Reports 2021 – 2023</p> <p>Interview P Roberts, J Lawler</p>	<p>The requirement for a CCC has not been triggered during the reporting period.</p>	NT

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<i>representation from the Applicant, Council and the local community.</i>					
7	REPORTING Incident Notification <p>The Applicant must immediately notify the Department and any other relevant agencies immediately after it becomes aware of an incident. The notification must be in writing to compliance@planning.nsw.gov.au and identify the development (including the development application number and name) and set out the location and nature of the incident.</p>	The audit found that all non compliances were reported in accordance with this condition.	C	Annual Reports 2021 – 2023 Interview P Roberts, J Lawler	No reportable incidents occurred during the reporting period.	NT
7A	<p>Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must be in writing to compliance@planning.nsw.gov.au and identify the development (including the development application number and name), set out in the condition of this consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.</p> <p>Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.</p>		C	As above.	As above.	NT
8	REPORTING Regular Reporting <p>The Applicant must provide regular reporting on the environmental performance of the development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.</p>		C	https://www.emonitoring.com.au/coraki-document-display	All environmental performance reporting is available on the Project website.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
9	<p>REPORTING</p> <p>Annual Review</p> <p>By the end of March each year, or other timing as may be agreed by the Secretary, the Applicant must review the environmental performance of the development to the satisfaction of the Secretary. This review must:</p> <ol style="list-style-type: none"> Describe the development (including any rehabilitation) that was carried out in the previous reporting period, and the development that is proposed to be carried out over the current calendar year; Include a comprehensive review of the monitoring results and complaints records of the development over the previous calendar year, which includes a comparison of these results against the: <ul style="list-style-type: none"> Relevant statutory requirements, limits or performance measures/criteria; Requirements of any plan or program required under this consent; The monitoring results of previous years; and The relevant predictions in the documents listed in condition 2(a) of Schedule 2; Identify any non-compliance over the last year, and describe what actions were (or are being) taken to ensure compliance; Identify any trends in the monitoring data over the life of the development; Identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and Describe what measures will be implemented over the current calendar year to improve the environmental performance of the development. <p>The Applicant must ensure that copies of the Annual Review are submitted to Council and</p>	<p>All annual reviews have been submitted in the required time frame.</p> <p>Copies of the annual review are available on the website</p> <p>Reviews have been prepared in compliance with these requirements.</p> <p>DPIE requested waste registers be included in the annual review in 2018, the audit noted that this was done.</p> <p>A review of the 2020 annual review and DPIEs response notes that they accept the review and that it is recommended that the results of quarterly noise monitoring be included in the reports.</p>	C	<p>Annual Reports 2021 – 2023</p> <p>DPE correspondence accepting 2021 Annual Report – 21/04/2022</p> <p>DPE correspondence accepting 2022 Annual Report – 22/03/2023</p> <p>Email correspondence submitting 2021 Annual Report to RVC – 28/03/2022</p> <p>Email correspondence submitting 2022 Annual Report to RVC – 23/03/2023</p>	<p>All annual reviews have been submitted in the required time frame and copies of the annual reviews are available on the website.</p> <p>Reviews have been prepared in compliance with these requirements. The previous DPE recommendation that requests quarterly noise monitoring results be in the reports has been actioned. Reviews have been provided to RVC as required.</p>	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	are available to the Community Consultative Committee (see condition 6 of Schedule 5) and any interested person upon request.					
10	<p>INDEPENDENT ENVIRONMENTAL AUDIT</p> <p>Within two years of the date of this consent, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the development. This audit must:</p> <ul style="list-style-type: none"> a) Be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; b) Include consultation with the relevant agencies; c) Assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent and any relevant EPL or necessary water licences for the development (including any assessment, strategy, plan or program required under these approvals); d) Review the adequacy of strategies, plans or programs required under the abovementioned approvals; e) Recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy plan or program required under the abovementioned approvals; and f) Be conducted and reported to the satisfaction of the Secretary. <p><i>Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.</i></p>	<ul style="list-style-type: none"> a) Natascha Arens is an Exemplar global certified auditor with over 25 years' experience. She was endorsed by DPIE on 15/3/2021 b) Consultation was undertaken in the Richmond Valley Council EPA and DPIE. (refer Section 2.5 of audit report) c) This compliance table provides evidence of assessment of compliance with the consent and the EPL. d) The quarry implements the following plans and strategies : <ul style="list-style-type: none"> • EMS (approved 24 January 2018, revised October 2019) • Air Quality Management Plan (approved 24 January 2018) • Transport Management Plan (approved 24 January 2018) • Blast Management Plan (approved 24 January 2018) • Aboriginal Cultural Heritage Management Plan (approved 24 January 2018) • Biodiversity and Rehabilitation Management Plan (approved 6 March 2018) • Noise Management Plan (approved 29 October 2019) • Water Management Plan (approved 6 March 2018) <p>The audit found that all plans and strategies are being implemented and updated as required. Furthermore, the audit found that the plans and strategies are adequate.</p> <ul style="list-style-type: none"> e) Recommendations as a result of the audit are provided in Section 4 of the audit report. 	C	<p>DPHI correspondence approving 2024 audit team – 29/01/2024</p> <p>2021 Independent Environmental Audit Report (NGH, 2021)</p> <p>Correspondence from KIS Quarries to DPE detailing responses to 2021 IEA – 10/06/2021</p> <p>DPE correspondence accepting 2021 IEA report – 6/07/2021</p> <p>This audit report</p>	<ul style="list-style-type: none"> a) Natascha Arens and Whitney Heiniger were endorsed by DPHI on 29/01/2024. b) Consultation was undertaken with RVC, DPHI and EPA. (refer Section 2.5 of audit report) c) This compliance table provides evidence of assessment of compliance with the consent and the EPL. d) The quarry implements the following plans and strategies: <ul style="list-style-type: none"> • Coraki Quarry Environmental Management Strategy (Groundwork Plus, September 2023) • Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019) • Coraki Quarry Blast Management Plan (Groundwork Plus, November 2017) • Coraki Quarry Air Quality Management Plan (Groundwork Plus, November 2017) • Coraki Quarry Water Management Plan (Calibre Consulting, February 2018) • Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023) • Coraki Quarry Aboriginal Cultural Heritage Management Plan (NSW Archaeology, November 2017) • Coraki Quarry Biodiversity and Rehabilitation Management Plan (BAAM Ecological Consultants, February 2018) • Coraki Quarry Environmental Management Plan (Groundwork Plus, September 2016) <p>The audit found that all plans and strategies are being implemented and updated as required. Furthermore, the audit found that the plans and strategies are adequate.</p> <ul style="list-style-type: none"> e) Recommendations as a result of the audit are provided in Section 4 of the audit report. 	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
					f) The 2021 IEA was accepted by DPE on 6/07/2021. Each IEA has been completed within the specified timeframe.	
11	INDEPENDENT ENVIRONMENTAL AUDIT Within 12 weeks of commencing this audit, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report, including a timetable for the implementation of any measures proposed to address the recommendations in the report.	This audit report was provided to Quarry Solutions and Groundwork Plus within 12 weeks of the completion of the site audit and off site document review.	C	2021 Independent Environmental Audit Report (NGH, 2021) Correspondence from KIS Quarries to DPE detailing responses to 2021 IEA – 10/06/2021 DPE correspondence accepting 2021 IEA report – 6/07/2021	The 2021 IEA was provided to the Department within 12 weeks of commencement.	C
11A	MONITORING AND ENVIRONMENTAL AUDITS Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non-compliance notification, compliance report and independent audit. Notes: For the purposes of this condition, as set out in the EP&A Act, “monitoring” is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an “environmental audit” is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development.	Noted	NT		Noted	NT
11B	Noise, blast and air quality monitoring under this consent is not required at all privately-owned residences and the use of representative monitoring locations can be used to demonstrate compliance	Noted	NT		Noted	NT

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	with criteria.					
12	<p>ACCESS TO INFORMATION</p> <p>Within 6 months of the date of this consent, until the completion of all works, including rehabilitation and remediation, the Applicant must:</p> <p>a) Make the following information publicly available on its website:</p> <ul style="list-style-type: none"> • The documents listed in condition 2(a) of Schedule 2; • Current statutory approvals for the development; • All approved strategies, plans and programs required under the conditions of this consent; • A comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs; • A complaints register, updated monthly; • The annual reviews of the development; • Any independent environmental audit, and the Applicant's response to the recommendations in any audit; • Minutes of any CCC meetings; • Any other matter required by the Secretary; and <p>b) Keep this information up-to-date to the satisfaction of the secretary.</p>	<ul style="list-style-type: none"> • All documents are available on the project website. 	C	https://www.emonitoring.com.au/coraki-document-display	All documents, including approved plans and monitoring reports, are up to date and provided on the Project website.	C
Appendix 1 – Statement of Commitments						
1	<p>PROJECT LIFE</p> <p>The project approval life will be for 7 (seven) years from the date of development consent, subject to the completion of the Pacific Highway upgrade project and noting that closure and rehabilitation activities may extend beyond the 7 (seven) year operational approval period.</p>		NT		Mod 4 included an extension of time for operation of the Coraki Quarry footprint, until June 2025 – Refer Schedule 2, Condition 6.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
2	EXTRACTION RATE The project must not extract more than 1,000,000 tonnes per annum from the Coraki Quarry, noting that the Coraki Quarry is separate from and in addition to the existing Petersons Quarry annual extraction volumes.	Refer Schedule 3, Condition 8	C		Refer Schedule 3, Condition 8	C
3	HOURS OF OPERATION Quarry operations will be undertaken between 6am and 7pm Monday to Saturday.	Refer Schedule 3, Condition 1	C		Refer Schedule 3, Condition 1	C
4	HOURS OF OPERATION Blasting activities will be undertaken between 9am and 3pm Monday to Friday.	Included in the Blast Management Plan	C		Included in the Blast Management Plan	C
5	HOURS OF OPERATION No operations will be undertaken on a Sunday or on public holidays.	Refer to changes to operating hours in Schedule 3 COA 1	C		Refer to changes to operating hours in Schedule 3 COA 1	C
6	ENVIRONMENTAL MANAGEMENT The project will be undertaken in accordance with the EMP (refer to EIS Attachment 2). Prior to the commencement of the project the EMP will be updated to reflect relevant conditions of consent and other relevant authorities.	Refer Schedule 5 Condition 1	C		Refer Schedule 5 Condition 1	C
7	ABORIGINAL HERITAGE MANAGEMENT PLAN An Aboriginal Heritage Management Plan is to be prepared. Quarry Solutions will carry out the project in accordance with an Aboriginal Heritage Management Plan.	Refer Schedule 3 COA 29	C		Refer Schedule 3 COA 29	C
8	ABORIGINAL HERITAGE MANAGEMENT PLAN The identified Non Disturbance Zones will be protected in situ for the life of the project.	Two non-disturbance zones are on site and defined by the vegetated bunds on site. Zones are clearly defined as per the approved site plan.	C	Site visit	Two non-disturbance zones are on site and defined by the vegetated bunds on site. Zones are clearly defined as per the approved site plan.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
9	TRAFFIC MANAGEMENT Sealing of Seelems Road and the first 200m of the internal access road within Lot 403 DP802985.	Not triggered as Seelems Road is currently not in use.	NT	Site visit	Seelems Road is not in use.	NT
10	TRAFFIC MANAGEMENT Implementing and enforcing compliance with a Driver's Code of Conduct.	Driver's Code of Conduct is enforced on site and contained within Transport Management Plan.	C	Coraki Quarry Transport Management Plan (Groundwork Plus, September 2023)	Driver's Code of Conduct is enforced on site and contained within the Transport Management Plan.	C
11	TRAFFIC MANAGEMENT Installation of forward and driver facing cameras on haulage trucks managed by Quarry Solutions.	Item 12.10 of the 'Quarry Safety & Environmental Checklist' contains an item relating to trucks having installation of forward and driver facing cameras. March 2018 checklist sighted and ticked.	C	2021 IEA Report (NGH, 2021) Site visit Interview J Lawler	This commitment has been satisfied during previous reporting periods when the Pacific Highway Upgrade Project was in progress. Trucks from Coraki Quarry footprint have not left the site since June 2023.	C
12	TRAFFIC MANAGEMENT Installation of GPS monitoring devices on haulage trucks managed by Quarry Solutions.	As above. Checklist outlines need for GPS monitoring in trucks. GPS tracking of trucks viewed during site inspection in 'The Fleet' software.	C	2021 IEA Report (NGH, 2021) Site visit Interview J Lawler	This commitment has been satisfied during previous reporting periods when the Pacific Highway Upgrade Project was in progress. Trucks from Coraki Quarry footprint have not left the site since June 2023.	C
13	TRAFFIC MANAGEMENT Paying for the installation of GPS monitoring devices on all local school buses where permission is provided.	Refer to Condition 23 of Condition of Consent.	C	2021 IEA Report (NGH, 2021) Site visit Interview J Lawler	This commitment has been satisfied during previous reporting periods when the Pacific Highway Upgrade Project was in progress. Trucks from Coraki Quarry footprint have not left the site since June 2023.	C
14	TRAFFIC MANAGEMENT Paying the relevant s94 contributions to the Richmond Valley Council.	Schedule 2, Condition 17	C		Schedule 2, Condition 17	C
15	BIODIVERSITY The measures outlined in the BAAM Biodiversity Assessment Report (refer to EIS Attachment 5) will be implemented including, but limited to the following: <ul style="list-style-type: none">Implement a 25m buffer to the <i>Macadamia tetraphylla</i> located on Lot 401 and the management and monitoring actions identified in Table 4.1 of the Biodiversity Assessment Report.Engage a fauna spotter to inspect the Hoop Pine dry rainforest community for signs of nesting by the		NT		Schedule 3, Condition 33	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<ul style="list-style-type: none"> Black-necked Stork during May to January (inclusive). If any nesting activity is identified, a species management plan is to be developed and implemented. Restrict disturbance and access to only those areas absolutely necessary for the construction and the operation of the project. Clearly cordon off all adjacent vegetation and buffer extents that are not to be disturbed by the project, creating 'no go zones' for vehicles, materials, machinery, workers, excavated soil or fallen timber. Implement sediment and erosion control measures, including measures to avoid the spill of earth and rock downslope of the quarry footprint into areas of retained vegetation. Ensure a fauna spotter/catcher is present during clearing and site preparation works. Establish 'go slow zones' (40km/hr) for vehicles and machinery where non-gazetted roads or tracks are located adjacent to patches of native vegetation communities. Limit construction and operational work to 6am and 7pm Monday to Saturday, and any lighting within outdoor areas should comply with relevant Australian Standards and be of low spillage, with no or limited upward spillage. Minimise vehicle and machinery access and subsequent soil compaction and weed transfer risk within and adjacent to retained vegetation. Educate the workforce on the location of significant/sensitive communities and species and potential impacts from unauthorised activities. 					
16	<p>NOISE</p> <p>The noise mitigation measures specified in Section 2.6.2 of the MWA Noise and Dust Assessment (refer to EIS Attachment 6) are to be implemented and maintained for the project, including the following:</p> <ul style="list-style-type: none"> Acoustic screening by way of cut, earth bunds and/or barriers to various locations; Use of a proprietary quietened rock drill; and Operation of the processing plant at the most shielded location and/or implementation of acoustic treatments as necessary to comply with the relevant noise limits. 	These requirements have been incorporated into the approved Noise Management Plan	C	Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019)	These requirements have been incorporated into the approved Noise Management Plan.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
17	<p>DUST</p> <p>The dust control measures specified in Section 4.3.3 of the MWA Noise and Dust Assessment (refer to EIS Attachment 6) are to be implemented and maintained for the project, including the following:</p> <ul style="list-style-type: none"> • Watering of all haul roads and access roads at a rate of approximately 2 litres/m2/hour at times when dust emissions are visible from vehicle movements; • Sealing (e.g. asphalt) part of the access road off Seelems Road for a minimum length of 200 metres west from the Seelems Road entry point; • Use of effective water sprays on the processing plant; • Effective water misting sprays to processing plant at transfer points including load-out points from elevated storage bins if utilised; • Rock drill to have an appropriate dust extraction system with collector fitted to rig and/or wet drilling via water sprays; and • Management of dust emissions from stockpiles during high wind speed conditions through appropriate use of sprinklers and/or chemical suppressant products as required. 	Refer Schedule 3 condition 15	C		Refer Schedule 3, Condition 15	C
18	<p>BLASTING</p> <p>The following blast management measures will be implemented for the project:</p> <ul style="list-style-type: none"> • Establish permanent blast monitoring locations at the two closest neighbouring properties, which are 140 Newmans Road (Lot 4 DP6339) and 200 Lagoon Road (Lot 12 DP6339), Coraki. • Start developing a blast vibration equation, specific to the Coraki Quarry. A suitably qualified person should be involved in this process, as using incorrect techniques can add additional cost to blast vibration control; • Commence blasting using a maximum of a 12 m bench height and 89 mm blast holes to ensure compliance with airblast overpressure and blast vibration. After 3 blasts, the results can be reviewed and evaluated as to whether 102 mm blast holes should be implemented. The airblast overpressure and blast vibration compliance must be maintained; • Establish the recommended Blast Exclusion Zones (BEZ). If required measure the flyrock 	<p>All these measures have been incorporated in to the Blast Management Plan</p> <p>The audit found that the Blast Management Plan is being implemented</p>	C	<p>Coraki Quarry Blast Management Plan (Groundwork Plus, November 2017)</p> <p>Annual Reports 2021 – 2023</p>	No blasting has been undertaken within the Coraki Quarry footprint during the reporting period however these requirements have been incorporated into the Blast MP.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<p>projection distances from the first 10 blasts and recalibrate the flyrock equations. This will enable optimisation of the BEZ distance. Due to the use of a conservative value for the constant K in the prediction equations it would be expected that the exclusion distance could be reduced, however this must not be taken for granted;</p> <ul style="list-style-type: none"> • All blasts must be face profiled, surveyed and bore tracked to ensure airblast overpressure compliance, combined with the ability to control face burst that can cause flyrock incidents; • Blast volumes should be maximised to reduce the frequency of disturbances to the neighbouring properties. A target blast volume of 18,750m³ and 15 tonnes of bulk explosive load is recommended. Shot sizes should be limited to a maximum of 3 rows deep initially, to minimise vibration reinforcement if utilising a non-electric initiation system. Once actual blast vibration data has been collected and analysed shot sizes may be increased, if the data supports increasing the blast Maximum Instantaneous Charge (MIC) and remaining under 5mm/s; • Orientate blasts with free faces not directly facing the sensitive receivers, to assist with airblast overpressure control; • Initiation sequencing for initial blasts, should target no more than a single blast hole MIC of 88kg until the vibration attenuation can be accurately assessed. • All proposed parameters are for initial blasting at the site. Once actual blast data is available from blasting at the proposed site, then parameters may be optimised using the analysis techniques outlined in this document. Site specific constant (k value) will require calibration for flyrock, blast vibration and airblast overpressure. 					
19	<p>WATER</p> <p>The surface water management system and water balance scenario prepared by Calibre Consulting (refer to EIS Attachment 8) will be implemented.</p>	Refer Schedule 3 Condition 21	C		Refer Schedule 3, Condition 21	C
20	<p>WATER</p> <p>The project will be operated in accordance with the conditions of the EPL for the project once it is issued by the EPA.</p>				Refer Schedule 3, Condition 19	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
21	GREENHOUSE GASES AND HAZARDS Quarry Solutions will continue to investigate financially practicable initiatives to reduce energy consumption and greenhouse gas emissions.	Refer Schedule 3 Condition 17	C		Refer Schedule 3, Condition 17	C
22	GREENHOUSE GASES AND HAZARDS Dangerous goods will be stored in accordance with dangerous goods storage requirements and relevant Australian Standards.	Refer Schedule 3 Condition 39	C		Refer Schedule 3, Condition 39	C
23	REHABILITATION Upon terminal benches being reached within Lot 401, the areas of disturbance within Lot 401 will be rehabilitated to a safe, stable and non-polluting state, suitable for the recommencement of the previous land use (cattle grazing).		NT		Refer Schedule 3, Condition 31	NT
24	REHABILITATION Areas of the Petersons Quarry used by the project will be returned to the landowner in a safe and stable state suitable for the continued operation of the Petersons Quarry.		NT		Refer Schedule 3, Condition 31	NT
25	COMMUNITY ENGAGEMENT Quarry Solutions will operate a free call telephone number for the Coraki Quarry for the life of the project.	Displayed on site entrance	C	Site visit	Signage is displayed at site entrance and Queen Elizabeth Drive intersection.	C
26	COMMUNITY ENGAGEMENT Quarry Solutions will engage with the community in relation to employment opportunities and traineeships.	No further actions have been undertaken since the previous audit However, the 2018 and 2019 Annual review stated that Quarry Solutions contributed \$5000 per quarter to community organisations, groups or individuals in the Coraki and District with grants of \$100 to \$5000 available. This was confirmed through a review of a notice in the Coraki District News. Staff interviews indicated that locals are employed at	C	Annual Reports 2021 – 2023 Site visit	The previous quarry operator, Quarry Solutions, financially contributed to community organisations commensurate with the scale of the Pacific Highway Upgrade Project. This has not been maintained due to the ongoing reduction in scale of operations. Staff interviews and site observations have indicated that locals are employed at the quarry and that local providers are used for services where available.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
		the quarry and that local providers are used for catering and other services (eg equipment maintenance)				
27	COMMUNITY ENGAGEMENT Quarry Solutions will provide opportunities for educational site visits by local schools and other community groups to visit the quarry.	Terry Woods, advised that the last school visit and open day occurred in 2018. QS continued to engage with the community in 2019 (see Page 3 of the attached Coraki and District News from Feb 2019 outlining the grants that QS provided to the community). However, no requests for school visits were received in 2019. No requests were received in 2020 either and that is assumed to be due to COVID19 restrictions. As there is no documented evidence that KIS have provided opportunities for educational site visits by local schools and other community groups, the audit recommends that this occurs.	C	Interview P Roberts, J Lawler Annual Reports 2021 – 2023	No requests have been made during the reporting period from educational or community groups and site access was limited during 2022 due to flood impacts. Engagement with neighbours is ongoing and KIS Quarries are receptive to the concept of site visits should the event arise. This commitment was satisfied during the previous reporting periods, when the Pacific Highway upgrade was underway.	C
Appendix 4 – Noise Compliance Assessment						
1	APPLICABLE METEOROLOGICAL CONDITIONS The noise criteria in Tables 3 and 4 in Schedule 3 are to apply under all meteorological conditions except the following: <ul style="list-style-type: none"> a) wind speeds greater than 3 m/s at 10 m above ground level; or b) Temperature inversion conditions between 1.5°C and 3°C/100 m and wind speed greater than 2 m/s at 10 m above ground level; or c) Temperature inversion conditions greater than 3°C/100 m. 	These requirements are included in the Noise management plan	C	Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019)	These requirements are included in the Noise Management Plan.	C
2	DETERMINATION OF METEOROLOGICAL CONDITIONS Except for wind speed at microphone height, the data to be used for determining meteorological conditions must be that recorded by the meteorological station required under condition 17 of Schedule 3.	This requirement is included in the Noise management plan	C	Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019)	This requirement is included in the Noise Management Plan.	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
3	COMPLIANCE MONITORING Unless otherwise directed by the Secretary, quarterly attended monitoring is to be used to evaluate compliance with the relevant conditions of this consent. <i>Note: The Secretary may direct that the frequency of attended monitoring increase or decrease at any time during the life of the development.</i>	Quarterly monitoring is occurring	C	Noise Monitoring Reports (MWA Environmental, various dates)	Quarterly noise monitoring has occurred throughout the reporting period.	C
4	COMPLIANCE MONITORING Unless the Secretary agrees otherwise, this monitoring is to be carried out in accordance with the relevant requirements for reviewing performance set out in the NSW Industrial Noise Policy (as amended from time to time), in particular the requirements relating to: <ul style="list-style-type: none"> a) Monitoring locations for the collection of representative noise data; b) Equipment used to collect noise data, and conformity with Australian Standards relevant to such equipment; c) Modifications to noise data collected, including for the exclusion of extraneous noise and/or penalties for modifying factors apart from adjustments for duration; and d) The use of an appropriate modifying factor for low frequency noise to be applied during compliance testing at any individual residence if low frequency noise is present (in accordance with the INP) and before comparison with the specified noise levels in the consent. 	Monitoring is occurring and these requirements are included in the Noise management plan.	C	Noise Management Plan – Coraki Quarry (Groundwork Plus, 29 October 2019)	Monitoring is occurring and these requirements are included in the Noise Management Plan.	C
Agency Consultation						
EPA	It would be appreciated if you could consider incorporating: <ul style="list-style-type: none"> • Sediment basin management – evidence of sediment basin capacity being reinstated within 5 days of cessation of rainfall and evidence that discharge quality parameters are met prior to discharge 			Site visit Interviews J Lawler, P Roberts KIS-FM-2.1 Prestart Toolbox Meeting – PIRMP Drill, 24/1/2024.	Water collected in the site sediment basins is reused on site in dust suppression and crushing activities. Water is moved from the basins into tanks above the pit and no water has been imported to site during the reporting period. No controlled discharges have occurred from these basins during the reporting period, indicating that	C

Condition	Ministers Condition of Consent	Findings 2021 Audit	C/NC/NT	Evidence 2024	Findings 2024 Audit	C/NC/NT
	<ul style="list-style-type: none"> • That sediment basins have the capacity to hold the design rainfall event • Maintenance of site controls eg drainage lines and erosion controls • Review and maintenance of basins to ensure sediment storage zone is not exceeded. • Chemical storage including maintenance of capacity of bunding and appropriate management of captured chemicals • Areas or lots used for extraction and volume of extraction within different allotted areas. • Site records for rainfall data. • Pollution complaints log • Review and testing of the PIRMP • Reporting of any incidents as required to EPA Enviroline. 				<p>they are generally appropriately sized. Some brief overtopping may have occurred during the 2022 floods in the region, however the site was inaccessible and the associated rainfall would have very likely constituted an over-design event.</p> <p>Drainage and erosion controls are generally well maintained, one recommendation regarding dirty water flow has been included in the audit report. Interviews with site staff indicated that sediment storage zones are not precisely known, a recommendation regarding this has been included in the audit report.</p> <p>Minimal chemicals are stored on site. The precoat plant has a bund and efforts are being made to reduce the storage of precoat onsite. Areas and lots for extraction are well understood by site staff and onsite resources clearly display these requirements.</p> <p>Rainfall is monitored by the onsite weather system and uploaded to GPlus, which can be reviewed remotely.</p> <p>No pollution complaints received during the reporting period and a PIRMP drill was most recently conducted in January 2024. No reportable incidents have occurred during the reporting period.</p>	
DPHI	NSW Planning is aware that the project approval under planning reference SSD-7036 is conditioned (under Schedule 2, Condition 6) to end quarrying activity on 30 June 2025. Therefore, NSW Planning would like this to be a focus of the audit, ensuring awareness of any decommissioning or rehabilitation activity is addressed or considered.				Refer to Schedule 3, Condition 31 and Section 2.5 of the Audit Report. Decommissioning and rehabilitation activities are not yet required, as the site will continue operations beyond the surrender of SSD 7036 and subsequent transfer to the DA issued by RVC.	C

Appendix B DPHI Auditor approval

NSW Planning ref: SSD-7036-PA-18

Mr. J Lawler
Project Director
6 Mayneview Street
MILTON QLD 4064

Coraki Quarry (SSD-7036) - Auditors Approval Request

Dear Mr Lawler,

I refer to your request (SSD-7036-PA-18) nominating Natascha Arens (as lead auditor), Olivia Merrick and Whitney Heiniger as the suitably qualified, experienced and independent persons to undertake the Independent Environmental Audit in accordance with Schedule 5, Condition 10 of SSD-7036 (**"the Approval"**) for the Coraki Quarry (**"the Project"**).

NSW Planning has reviewed the independent auditor nominations and based on the information you have provided is satisfied that the Natascha Arens, Olivia Merrick and Whitney Heiniger are suitably qualified, experienced, and independent.

Therefore, in accordance with Schedule 5, Condition 10 of the Approval, the Secretary endorses the appointment of the following auditors:

- Natascha Arens of NGH Pty Ltd - Lead Auditor;
- Olivia Merrick of NGH Pty Ltd - Auditor; and
- Whitney Heiniger of NGH Pty Ltd - Auditor.

Please ensure this correspondence is appended to the Independent Environmental Audit Report.

The Independent Environmental Audit must be prepared, undertaken and finalised in accordance with Schedule 5, Condition 10 of the Approval. NSW Planning also recommends consideration be given to the NSW Planning's *Independent Audit Post Approval Requirements* (May, 2020) to the extent that it does not contradict Schedule 5, Condition 10 of the Approval.

NSW Planning reserves the right to request an alternate auditor or audit team for any future audits.

Notwithstanding the endorsement for the above listed auditors for this Project, each respective project approval or consent requires a request for the agreement to the auditor or audit team be submitted to NSW Planning, for consideration of the Secretary. Each request is reviewed and depending on the complexity of future projects, the suitability of a proposed auditor or audit team will be considered.

If you wish to discuss the matter further, please contact Phillip Rose, A/Senior Compliance Officer, on (02) 6670 8657.

Yours sincerely

Nick Ballard

Nick Ballard
A/Team Leader – Far North Region
Compliance

As nominee of the Planning Secretary

Appendix C Consultation

C.1 Department of Planning, Housing and Infrastructure

From: Whitney Heiniger [REDACTED]
Sent: Friday, 1 March 2024 3:01 PM
To: Phil Rose [REDACTED]
Subject: A230826.00 - Coraki Q - Independent Environmental Audit - Consultation Request

Hi Phillip,

I have been passed your contact details from the previous independent environmental audit undertaken by NGH at Coraki Quarry – SSD-7036.

I am part of this year's environmental audit team for Coraki Quarry at Petersons Quarry Road, Coraki. We have an Independent Environmental Audit of the site scheduled for 14th March 2024.

Are there any particular areas of focus that the Department would like me to add to the audit scope?

Thank you!

Whitney Heiniger
Senior Environmental Consultant - Environmental Management

m: [REDACTED]
e: [REDACTED]
a. T3, level 7, 348 Edward St, Brisbane, Queensland 4000
w. nghconsulting.com.au | [Our commitment to reconciliation](#)



RE: A230826.00 - Coraki Q - Independent Environmental Audit - Consultation Request



Phil Rose [REDACTED]
To: Whitney Heiniger
Cc: Nick Ballard

You replied to this message on 1/03/2024 3:55 PM.



Fri 1/03/2024 3:45 PM

Hi Whitney,

I thank you for reaching out to the Department of Planning, Housing and Infrastructure (NSW Planning) and providing the opportunity for input into the scope of the proposed Environmental Audit.

NSW Planning is aware that the project approval under planning reference SSD-7036 is conditioned (under Schedule 2, Condition 6) to end quarrying activity on 30 June 2025. Therefore, NSW Planning would like this to be a focus of the audit, ensuring awareness of any decommissioning or rehabilitation activity is addressed or considered.

NSW Planning has no additional recommendations regarding consultation with other agencies for this audit.

Please conduct the audit in accordance with the Independent Audit – Post Approval Requirements (May 2020). Please include this scope request correspondence as an appendix in the IEA for reference.

If you wish to discuss the matter further, please contact Phillip Rose, A/Senior Compliance Officer on (02) 6670 8657.

Kind Regards

Phillip Rose
A/Senior Compliance Officer
Development Assessment & Infrastructure
Department of Planning, Housing and Infrastructure

T [REDACTED]
dphi.nsw.gov.au

PO Box 72, Murwillumbah NSW 2484 | Level 1, 135 Murwillumbah Street, Murwillumbah NSW 2484



C.2 Environment Protection Authority

From: Whitney Heiniger [REDACTED]
Sent: Friday, 1 March 2024 2:52 PM
To: EPA North Operations Regional Mailbox [REDACTED]
Subject: A230826.00 - Coraki Q - Independent Environmental Audit - Consultation Request

Good afternoon,

I am part of the environmental audit team for the Coraki Quarry development (EPL 3397) at Petersons Quarry Road, Coraki. We have an Independent Environmental Audit of the site scheduled for 14th March 2024.

In accordance with the DPE Independent Audit Post Approval Requirements (2020), I am engaging with NSW EPA to provide input into the audit scope.

Please respond to this email address if you have any specific areas of concern that you would like addressed as part of the 2024 audit scope.

Thank you!

Whitney Heiniger
Senior Environmental Consultant - Environmental Management

m: [REDACTED]
e: [REDACTED]
a. T3, level 7, 348 Edward St, Brisbane, Queensland 4000
w. ngiconsulting.com.au | [Our commitment to reconciliation](#)



RE: A230826.00 - Coraki Q - Independent Environmental Audit - Consultation Request



Janelle Bancroft [REDACTED]
To: Whitney Heiniger

You replied to this message on 5/03/2024 3:27 PM.



Tue 5/03/2024 12:52 PM

Hello Whitney

Thank you for the opportunity to comment on the environmental audit for the site.

It would be appreciated if you could consider incorporating:

- Sediment basin management – evidence of sediment basin capacity being reinstated within 5 days of cessation of rainfall and evidence that discharge quality parameters are met prior to discharge
- That sediment basins have the capacity to hold the design rainfall event
- Maintenance of site controls eg drainage lines and erosion controls
- Review and maintenance of basins to ensure sediment storage zone is not exceeded.
- Chemical storage including maintenance of capacity of bunding and appropriate management of captured chemicals
- Areas or lots used for extraction and volume of extraction within different allotted areas.
- Site records for rainfall data.
- Pollution complaints log
- Review and testing of the PIRMP
- Reporting of any incidents as required to EPA Enviroline.

Happy to discuss

Regards

Janelle
Janelle Bancroft
Unit Head
Regulatory Operations
NSW Environment Protection Authority
[REDACTED]
49 Victoria Street Grafton NSW 2460



www.epa.nsw.gov.au @NSW_EPA

The EPA acknowledges the Traditional Custodians of the land, waters and sky where we work.
As part of the world's oldest surviving cultures we pay our respect to Aboriginal Elders past, present and emerging

I work on Bundjalung and Gumbaynggirr Country.

C.3 Richmond Valley Council

A230826.00 - Coraki Q - Independent Environmental Audit - Consultation Request



Whitney Heiniger

To: council@richmondvalley.nsw.gov.au

Bcc: bc6b7f73-2094-4d81-8a0c-fdab11ada840.metaPublish@nghconsultingmx.deltakpm.com



Fri 1/03/2024 2:42 PM

Good afternoon,

I am part of the environmental audit team for the Coraki Quarry development (SSD-7036) at Petersons Quarry Road, Coraki. We have an Independent Environmental Audit of the site scheduled for 14th March 2024.

In accordance with the DPE Independent Audit Post Approval Requirements (2020), I am engaging with Richmond Valley Council to provide input into the audit scope.

Please respond to this email address if you have any specific areas of concern that you would like addressed as part of the 2024 audit scope.

Thank you!

Whitney Heiniger

Senior Environmental Consultant - Environmental Management

m: [REDACTED]
e: [REDACTED]

a. T3, level 7, 348 Edward St, Brisbane, Queensland 4000

w. nghconsulting.com.au | [Our commitment to reconciliation](#)



Appendix D Independent Auditor Declaration

Project Name	Coraki Quarry
Consent No.	SSD 7036
Description of Project	Hard rock quarry
Project Address	Petersons Quarry Road, Coraki NSW
Proponent	KIS Quarries
Title of Audit	Independent Environmental Audit
Date	May 2024

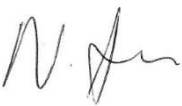
I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:

- the audit has been undertaken in accordance with relevant condition(s) of consent and the *Independent Audit Post Approval Requirements (Department 2019)*;
- 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.

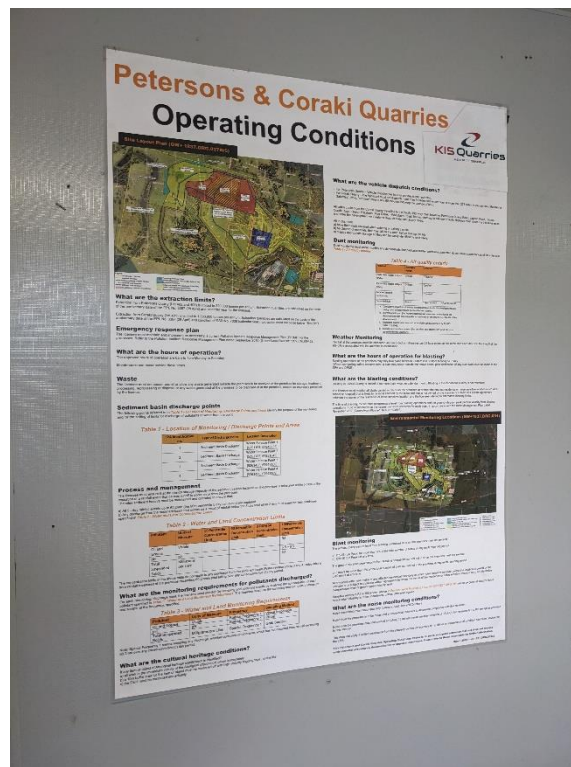
Notes:

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) 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	Natascha Arens
Signature	
Qualification	BAppSc, MEBM, Exemplar Global Lead auditor
Company	NGH Pty Ltd
Company Address	Unit 17, Level 3, 21 Mary Street, Surry Hills NSW 2010

Appendix E Site inspection photos



Site signage indicating CoAs and site footprints



Crushing plant from viewing platform, with clear bunding on each side



Southern sediment basin



Northern sediment basin



Stockpiling area within the pit



Site entrance adjacent to the site office, requiring some reshaping to ensure dirty water enters the sediment basin to the right



Separation of oily rags from general waste



Quarry signage at the intersection of Lagoon Road and Queen Elizabeth Drive

Appendix F RVC Development Application

DA2022/0250



**NOTICE TO APPLICANT OF DETERMINATION OF A
DEVELOPMENT APPLICATION**

Environmental Planning and Assessment Act, 1979

Cherie Smith - Development Assessment Planner
Telephone: 02 6660 0300

To: KIS Quarries Pty Ltd C/-
Groundwork Plus Pty Ltd
PO Box 1779
MILTON QLD 4064

Being the applicant in respect of: **Development Application No. DA2022/0250
Regional Planning Panel Case PPSNTH-167**

Proposed Designated Development and Integrated Development for an Extractive Industry with an intended capacity of up to 350,000 tonnes per annum.

Pursuant to Section 4.16(1) and 4.18(1) of the Environmental Planning and Assessment Act, notice is hereby given of the determination by the Northern Regional Planning Panel, as Consent Authority, for Regionally Significant Development pursuant to Section 2.15 of the Environmental Planning and Assessment Act of the Development Application accepted **28 June 2022** relating to the land described as follows:

**Lot 401 DP 633427 – 44 Seelems Road, Coraki
Lots 402 & 403 DP 802985, Lot 408 DP 1166287 & Lot 1 DP 1165893 –
Petersons Quarry Road, Coraki
Lot A DP 397946, Lot A DP 389418, Lot 3 DP 701197, Lot 2 DP 954593, Lot 1 DP 954592 &
Lot 1 DP 310756 – Spring Hill Road, Coraki
Lot 1 DP 1225621 – Seelems Road, Coraki**

The Development Application has been determined by:

GRANTING OF CONSENT subject to the conditions specified in the notice.

Date of Determination 4 July 2023

Lapses on 4 July 2028

IMPORTANT NOTICE

THIS IS A LEGAL DOCUMENT. ENSURE THAT YOU READ THE DOCUMENT CAREFULLY,
AND PARTICULARLY NOTE ALL ATTENDANT INSTRUCTIONS AND CONDITIONS

REASONS FOR IMPOSITION OF CONDITIONS

The conditions listed in this determination notice have been imposed to:

- Ensure compliance with the requirements of the *Environmental Planning and Assessment Act 1979*;
- Ensure compliance with the objectives of the Richmond Valley LEP 2012;
- Ensure satisfactory compliance with relevant Council plans, codes and policies;
- Prevent, minimise and/or offset adverse environmental impacts of the development;
- Set standards and performance measures for acceptable environmental performance to protect the existing and likely future amenity of the locality;
- Require regular monitoring and reporting;
- Maintain, as far as practicable, the public interest; and
- Ensure compliance with the Building Code of Australia and relevant Australian Standards.

PART 1: CONDITIONS OF CONSENT

PART A: GENERAL

OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT

1. In addition to meeting the specific performance measures and criteria established under this consent, the Applicant must implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation, or rehabilitation of the development.

TERMS OF CONSENT

2. The Operator shall carry out the development in accordance with the conditions of this consent and generally in accordance with the:
 - a) Environmental Impact Statement (EIS) titled *Petersons Quarry Environmental Impact Statement* (Groundwork Plus, March 2022 Ref No. 2513 DA1 003 R1); and
 - b) Supporting documents submitted with the EIS;
 - c) Response to information request dated 13 February 2023 including EIS Addendum – Biodiversity, EIS Addendum – Rehabilitation, State Advice Letter, Surface Contamination Assessment
 - d) Stamped Approved Plans listed in Table 1:

Table 1: Stamped Approved Plans

Plan/Document Title	Drawing No.	Date	Prepared By
Conceptual Site Layout Plan	2513.DRG.026 Rev. 3	13/02/2023	Groundwork Plus
Conceptual Final Landform	2513.DRG.027 Rev. 1	07/12/2021	Groundwork Plus
Conceptual Final Landform Cross Sections	2513.DRG.027A Rev. 1	07/12/2021	Groundwork Plus
Rehabilitation Management Plan	2513.DRG.029 Rev. 2	08/11/2022	Groundwork Plus

3. If there is any inconsistency between the above documents, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this consent shall ultimately prevail to the extent of any inconsistency.

Note: The Proposed Quarry Plan is included in Appendix 1.

SURRENDER OF EXISTING CONSENTS

4. Prior to commencement, the following development consents are to be surrendered. A copy of the acknowledgment of surrender by the relevant Consent Authority is to be submitted to Richmond Valley Council:
 - a) DA1985.0103 – Petersons Quarry
 - b) SSD 7036 – Coraki Quarry

OPERATIONS AS A SINGLE ENTITY

5. The extractive industry is to be operated by a single entity and under a single Environmental Protection Licence, which is to be held and maintained for the site until any rehabilitation conditions are achieved.
6. The lots comprising each separate ownership must be consolidated so that only two separate parcels exist prior to commencement of operations. Easements shall be created as required at the time of consolidation to the satisfaction of Council.

PUBLIC ROADS AND ADJOINING LAND

7. Arrangements for the lease or closure of those parts of Petersons Quarry Road and Springhill Road affected by the proposal must be undertaken prior to commencement of operations.
8. The operator must not undertake any activity on the Crown land or use the Crown land for any purpose associated with the development, unless otherwise approved by the Crown.
9. The development is to be setback in accordance with the submitted plans excepting;
 - a) a 10m setback is to be provided to any road reserve, and
 - b) Setbacks to privately owned adjoining land shall be;
 - i. A minimum of 10m or the line of existing vegetation whichever is the greater, or
 - ii. The existing excavated area shown on the approved plan, if lesser than 10m.

LIMITS ON CONSENT

Quarrying Operations

10. The Operator may carry out quarrying operations on the site for thirty years from the date that this consent becomes operative.

Note: Under this consent, the Applicant is required to rehabilitate the site and carry out additional undertakings to the satisfaction of Council. Consequently, this consent will continue to apply in all other respects other than the right to conduct quarrying operations until rehabilitation of the site and those undertaking have been carried out to a satisfactory standard.

Production and Transportation Limits

11. The Operator must not:
- a) extract more than 4,900,000 tonnes of quarry product from the site under this consent;
 - b) extract to a depth below a level of RL 18m AHD in Lot 401 DP633427 and Lot 1 DP1225621;
 - c) extract to a depth below a level of RL 17m AHD in Lots 402 and 403 DP802985, Lot 408 DP1166287, Lot A DP397946, Lot A DP389418, Lot 3 DP701197, Lot 2 DP954593, Lot 1 DP954592, Lot 1 DP310756, Lot 1 DP1165893 and Lot 1 DP1225621
 - d) extract more than 350,000 tonnes of quarry products, in any financial year;
 - e) transport more than 350,000 tonnes of quarry products from the site in any financial year;
 - f) transport more than 35,000 tonnes of products to the site in any financial year;
 - g) transport more than 3960 tonnes of quarry products from the site per day;
 - h) dispatch more than 110 laden trucks from the site per day;
 - i) dispatch more than 10 laden trucks from the site per hour;
 - j) accept more than 11 laden trucks carrying imported material to the site per day / per hour.
12. Heavy Vehicles are limited to the following truck and dog combinations:
- a. 19m on Petersons Quarry Road, Lagoon Road & Dawson Street/Coraki Road, or
 - b. 26m truck and dog arrangement upon receiving an in-force permit from the National Heavy Vehicle Regulator (NHVR) specifically for this type of vehicle on the approved transport route. A copy of the in-force permit is to be sighted by the operator who must maintain a record of the sighting.

Importation of Material

13. The Operator may receive up to 35,000 tonnes (in total) of imported materials for use in blending/production of specialist quarry products in a financial year.
14. No materials classified as waste under the EPA *Waste Classification Guidelines 2014* (or its latest version) may be received and processed on the site.

Note: This condition does not apply to routine deliveries of other materials to the site.

PRODUCTION DATA

15. Prior to commencing operations, the Operator must engage a registered surveyor to carry out a baseline topographical survey to determine the footprint of the existing excavations and set the benchmark against which all other surveys will be compared.
16. The Operator must:
- a) from the commencement of quarrying operations provide financial year annual quarry production data, verified by volumetric survey, including the volume of material excavated and volume of product stockpiles; and
 - b) include a copy of this data in the Annual Review.
17. All vehicles must be weighed on the weighbridge upon entry and exit, with a docket provided to the driver, and records kept by the quarry operator.
18. The operator is required to provide annual production data for the site to the Department of Regional NSW - Mining, Exploration and Geoscience, Geological Survey of NSW.

IDENTIFICATION OF APPROVED EXTRACTION LIMITS

19. Prior to commencing operations, unless otherwise agreed with the Council, the Operator must:
 - a) engage a registered surveyor to mark out the boundaries of the approved limits of extraction within the site; and
 - b) submit a survey plan of these boundaries with applicable GPS coordinates to the Council.
20. While quarrying operations are being carried out, the Operator must ensure that these boundaries are clearly marked at all times in a manner that allows operating staff to clearly identify the approved limits of extraction.

OPERATION OF PLANT AND EQUIPMENT

21. The Operator must ensure that all the plant and equipment used at the site, or to monitor the performance of the development is:
 - a) maintained in a proper and efficient condition; and
 - b) operated in a proper and efficient manner.

DEMOLITION

22. Any demolition work must comply with the provisions of AS 2601 - 2001 "The Demolition of Structures".
23. Appropriate precautions shall also be taken to ensure compliance with the requirements of Safe Work NSW.
24. No approval is implied or granted for the construction, relocation or otherwise of any buildings or other facilities including any temporary structures. Separate approval shall be obtained as required.
25. The demolition and relocation of any electrical infrastructure within the site is to be undertaken in accordance with any requirements of Essential Energy.

PROTECTION OF PUBLIC INFRASTRUCTURE

26. Any damage caused to public infrastructure (roads, footpaths, kerb and gutter, stormwater, water and sewer mains, power and telephone services etc) during construction of the development shall be repaired to the satisfaction of Council. The repairs shall be carried out prior to the operation of the quarry under this consent.

Council shall be notified in writing, prior to commencement of works, of any existing damage to roads, stormwater drainage, kerb and gutter or footpaths.

Absence of notification signifies that no damage exists, and the applicant is therefore liable for the cost of reinstatement of any damage found at the completion of the works.

Note: This condition does not apply to any damage to roads caused as a result of general road usage or otherwise addressed by contributions required under this consent.

27. Existing 11kV and LV overhead power lines are located within the area of proposed works. The operator must;
- a) Ensure a minimum clearance area of 20.0 metres wide (or the easement width as noted on title) is maintained around the 11KV powerline (10m either side of the centreline of the powerline), or
 - b) Relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development, and
 - c) Ensure any works near the LV powerlines meets the requirements of the NSW Service and Installation rules, and
 - d) Repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development,

Any activities within the location of overhead electricity infrastructure must be undertaken in accordance with the latest industry guideline currently known as *ISSC 20 Guideline for the Management of Activities within Electricity Easements and Close to Infrastructure*. Approval may be required from Essential Energy should activities within the properties encroach on the electricity infrastructure.

ROAD MAINTENANCE CONTRIBUTIONS

28. A contribution under Section 7.11 (1)(b) of the Environmental Planning and Assessment Act 1979, amounting to \$1.39 per tonne (rate as @ 13/6/2023) of material transported to and from the site is to be paid to Richmond Valley Council. Rates provided are correct at the time of this consent and are subject to variation annually based upon CPI. Each payment must be:
- a) Paid to Council within two months of the end of each financial year; and
 - i. Based on, weighbridge records of the quantity of quarry products and other approved materials transported to and from the site.

SIGNAGE

29. Prior to commencement of operations, the Operator must install a business identification sign at the property entrance, including phone number for registering complaints.

CONTAMINATED LANDS

30. Prior to operations commencing an Unexpected Findings Protocol (UFP) is to be prepared and implemented at the site. The UFP shall include measures specific to the following areas;
- a) The Temporary Waste Handling area identified in the Surface Soil Contamination Assessment dated August 22 prepared by Greencap, and
 - b) any area previously used for fuel and/chemical storage and dispensing including the workshop and diesel fuel storage.
31. The UFP shall outline procedures including when a detailed site investigation in accordance with the NEPM (2013) is to be undertaken.
32. If remediation is required a Site Validation must be provided to Council prior to excavations commencing in the affected area.

PART B: SPECIFIC ENVIRONMENTAL CONDITIONS

NOISE

Hours of Operation

33. The Operator must comply with the operating hours set out in Table 2.

Table 2: Operating Hours

Activity	Day	Time
Extraction, processing, loading, dispatch and other quarry related activities	Monday to Friday	7:00am to 6:00pm
	Saturday	8:00am to 1:00pm
	Sunday & Public Holidays	Nil
Blasting	Monday to Friday	9:00am to 3:00pm
	Saturday	Nil
	Sunday & Public Holidays	Nil

Note: Maintenance and general pre-start activities may occur outside the hours specified in Table 1 provided they are inaudible at privately-owned residences.

Noise Criteria

34. The Operator must ensure that the noise generated by the development on site does not exceed an LAeq(15 minute) daytime noise criterion of 40dB(A) at any residence on privately-owned land.

35. These criteria do not apply if the Operator has a written agreement with the relevant landowner/s to generate higher noise levels, and the Applicant has advised the EPA and Council in writing of the terms of this agreement.

Prior to commencing operations, the Operator shall provide copies to Council and the EPA of any such written agreements with all relevant landowners, where these owners are prepared to accept environmental noise levels generated by approved quarry operations which are in excess of the noise criteria under this consent, and under what conditions or limitations, if any. The maximum exceedance (LAeq,15min), accepted by the relevant landowners is as follows

- R2 48dBA
- R3 46dBA
- R7 45dBA

36. The Operator must ensure that the noise generated by traffic from the development on public roads does not exceed an LAeq(1 hour) daytime noise criterion of 55dB(A) (external) at any residence on privately-owned land.

Operating Conditions

37. The Operator must:

- a) implement best management practice to minimise the construction, operational and traffic noise of the development,
 - b) carry out noise monitoring (at least every 12 months) to determine whether the development is complying with the relevant conditions of this consent,
 - c) regularly assess the results of noise monitoring to ensure compliance with the relevant conditions of this consent,
- to the satisfaction of the Council.

Noise Attenuation

38. Where a written agreement, as set out in condition 35, is not obtained or is withdrawn, the Operator must adjust the scale of operations and/or activities, and undertake noise monitoring to ensure compliance with the Noise Criteria.
39. Prior to undertaking any noise mitigation, the Operator shall obtain an acoustic report from a suitable qualified and experienced acoustical consultant, outlining the measures proposed to be taken to achieve compliance to the satisfaction of Council and the EPA.
40. The Operator must implement any recommendations in accordance with the report and Council/EPA requirements.

Noise Management Plan

41. The Operator must prepare (and subsequently implement) a Noise Management Plan, in consultation with Council and the EPA, prior to commencement of operations. This plan must describe the measures that would be implemented to ensure:
- a) compliance with the noise criteria in this consent,
 - b) best practice management is being employed;
 - c) noise attenuation is implemented, where necessary; and
 - d) a monitoring program is implemented to measure noise from the development against the noise criteria in this consent, and which evaluates and reports on the
 - i. effectiveness of the noise management system onsite, and
 - ii. includes a protocol for determining exceedances of the noise criteria.

BLASTING AND VIBRATION

Blasting Criteria

42. The Operator must ensure that the blasting on the site does not cause exceedances of the criteria in Table 3.

Table 3 - Blasting Criteria

Location	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance
<i>Any residence on privately-owned land</i>	120	10	0%
	115	5	5% of the total number of blasts over a period of 12 months

43. However, these criteria do not apply if the Operator has a written agreement with the relevant owner/s or infrastructure provider/owner, and the Applicant has advised the EPA and Council in writing of the terms of this agreement.

Blasting Frequency

44. The Operator may carry out a maximum of two (2) blasts a month, unless an additional blast is required following a blast misfire.

Operating Conditions

45. During blasting operations, the Operator must implement best management practice to:
- a) protect the safety of people and livestock in the surrounding area;
 - b) protect public or private infrastructure/property in the surrounding area from any damage;
 - c) minimise the dust and fume emissions of any blasting; and
 - d) operate a suitable system to enable the public to get up-to-date information on the proposed blasting schedule on site,
- to the satisfaction of the Council.

Blast Management Plan

46. The Operator must prepare (and subsequently implement) a Blast Management Plan, in consultation with Council and the EPA, prior to commencement of operations. This plan must describe the measures that would be implemented to ensure:
- a) best management practice is being employed;
 - b) the protection of road users and infrastructure when blasting within 500 metres of a public road; and
 - c) compliance with the relevant conditions of this consent.

The Blast Management Plan must include:

- i. a monitoring program for evaluating the performance of the development including compliance with the blasting criteria;
- ii. a protocol for temporary closure of any affected public roads and notification of emergency services and road users of a temporary closure;
- iii. community notification procedures for the blasting schedule;
- iv. an emergency response procedure in the event of flyrock; and
- v. a protocol for investigating and responding to complaints.

Dilapidation Report

47. Within 3 months of commencing operations, the Operator must engage a suitably qualified engineer to prepare a dilapidation report detailing the structural condition of existing buildings and structures located within 1km of the maximum approved quarry pit footprint, if requested by the landowner, and subject to safe access being provided by the landowner. Copies of such reports are to be provided to the landowner and Council.

The Operator must write to the owners within 1km of the maximum approved quarry pit footprint to make them aware of this condition.

AIR QUALITY

Air Quality Criteria

48. The Operator must ensure that the particulate matter emissions generated by the development do not cause exceedances of the criteria in Table 4 at any residence on privately-owned land.

Table 4 – Air Quality Criteria

Pollutant	Averaging Period	Criterion
Particulate Matter <10 µm (PM ₁₀)	Annual	^a 25µ/m ³
Particulate Matter <10 µm (PM ₁₀)	24 hour	^b 50µ/m ³
Particulate Matter <2.5 µm (PM _{2.5})	Annual	^a 8µ/m ³
Particulate Matter <2.5 µm (PM _{2.5})	24 hour	^b 25µ/m ³
Total Suspended Particulates (TSP)	Annual	^{ac} 90µ/m ³
Deposited Dust	Annual (maximum increase)	^a 2 g/m ² /month
Deposited Dust	Annual (maximum total)	^b 4 g/m ² /month

Notes for Table 4:

- Cumulative impact (i.e. incremental increase in concentrations due to the development plus background concentrations due to all other sources).
- Incremental impact (i.e. incremental increase in concentrations due to the development on its own).
- Excludes extraordinary events such as bushfires, prescribed burning, dust storms, fire incidents etc.

Operating Conditions

49. The Operator must:
- implement best management practice to minimise the dust emissions of the development including minimising the area of surface disturbance and maximising progressive rehabilitation of the site;
 - regularly assess air quality monitoring data to ensure compliance with the relevant conditions of this consent; and
 - minimise the air quality impacts of the development during adverse meteorological conditions;
 - monitor and report on compliance with the relevant air quality conditions in this approval; to the satisfaction of the Council.

Air Quality Management Plan

50. The Operator must prepare (and subsequently implement) an Air Quality Management Plan for the development in consultation with Council and the EPA, prior to commencement of operations. This plan must:
- a) Include the implementation of the dust control measures identified in section 4.6.2 of the Noise and Air Quality assessment prepared by MWA Environmental
 - b) describe the measures to be implemented to ensure:
 - i. compliance with the air quality criteria and operating conditions of this approval;
 - ii. best practice management is being employed; and
 - iii. the air quality impacts of the project are minimised during adverse meteorological conditions and extraordinary events;
 - c) describe the proposed air quality management system;
 - d) include an air quality monitoring program that:
 - i. is capable of evaluating the performance of the project;
 - ii. includes a protocol for determining any exceedances of the relevant conditions of approval; and
 - iii. effectively supports the air quality management system.

Meteorological Monitoring

51. For the life of the development, the Applicant must ensure that there is a suitable meteorological station operating in the vicinity of the site that complies with the requirements in the Approved Methods for Sampling of Air Pollutants in New South Wales guideline.

SOIL AND WATER

Water Supply

52. The Operator must ensure it has sufficient water during all stages of the development, and if necessary, obtain water from a licenced supplier or adjust the scale of quarrying operations on site to match its available supply.

Note: The Applicant is required to obtain any necessary water licences for the development under the Water Act 1912 and/or the Water Management Act 2000.

Water Discharges

53. The Operator must comply with the discharge limits in any EPL which regulates water discharges from the site, or with Section 120 of the POEO Act.

Topsoil

54. Topsoils must be stored to allow for rehabilitation of the quarry at the cessation of use. The soils are to be stored in such a manner to prevent their erosion, such as by stormwater or wind.

Soil and Water Management Plan

55. Prior to commencement of operations, the Operator must engage a qualified consultant to develop a Soil and Water Management Plan (SWMP). The SWMP must be submitted to, and approved by, the EPA prior to extractive activities taking place. The SWMP must be prepared in accordance with Managing Urban Stormwater Soils and Construction, Volume 1 and Volume 2E. Mines and Quarries.
56. The Soil and Water Management Plan must be implemented for the life of the operation.

Groundwater

57. The Operator must monitor operations to ensure groundwater is not intercepted.

TRAFFIC AND TRANSPORTATION

Traffic Management Plan

58. At all times during construction and operation of the quarry, the Operator must implement a Traffic Management Plan prepared to the satisfaction of Council. The Traffic Management Plan must:
- a) Describe the processes in place for the management of trucks entering and exiting the site;
 - b) Include by a Driver Code of Conduct, including but not limited to:
 - i. Identification of the haulage route.
 - ii. A map of the vehicle movement plan highlighting critical locations.
 - iii. An induction process for vehicle operators and regular toolbox meetings.
 - iv. Procedures for travel through residential areas, school zones and/or bus route/s.
 - v. A complaint resolution and disciplinary procedure.
 - vi. Community consultation measures proposed for peak extraction periods.
 - vii. Work, health and safety requirements under the *Work Health and Safety Regulation 2017*.
 - c) Proposed measures to minimise the transmission of dust and tracking of material onto public roads from vehicles leaving the site.

Road Upgrades

59. Prior to commencement of operations of the quarry under this consent all internal access roads must be constructed to an all weather standard.
60. Any works affecting public roads must not take place without the prior approval of the roads authority.

61. Within 12 months of commencement of operations, the applicant must complete the following road works:
- Construct the Lagoon Road/Dawson Street/Casino Coraki Road/Queen Elizabeth Drive intersection (Dawson Street intersection) to a sealed BAR/BAL intersection treatment.
 - Reconstruct and/or extend existing stormwater infrastructure at the Dawson Street intersection to suit the sealed BAR/BAL intersection treatment.
 - Re-line mark the Dawson Street intersection as advised in the recommendations in TTM's Traffic Road Safety Audit dated May 2021.

If there is need to relocate any infrastructure or install any additional signage it must be undertaken as part of the works approved under the Section 138 Roads Act approval.

Design plans detailing the intersection construction works must be submitted to Richmond Valley Council with the Section 138 Roads Act application. Any activity or work in the road reserve can only occur following the issue of the Section 138 Roads Act approval by Richmond Valley Council.

Road Haulage

62. The Operator must ensure that all loaded vehicles entering or leaving the site are covered at all times, except during loading and unloading.
63. The Operator must ensure that all loaded vehicles leaving the site are cleaned of materials that may fall on the road before they are allowed to leave the site.

Monitoring of Product Transport

64. The Operator must:
- keep accurate records of all laden truck movements to and from the site (hourly, daily, and annually); and
 - confirm accurate records are being kept in the Annual Review; and
 - retain that data for a period of 5 years and provide the data to the relevant authority upon request.

ABORIGINAL CULTURAL HERITAGE

65. The Petersons Quarry Expansion, Coraki NSW: Aboriginal Cultural Heritage Management Plan – Addendum V1 dated 3 May 2021 prepared by Eco Logical is to be appended to the existing Aboriginal Cultural Heritage Management Plan.
- A copy of the Plan is to be provided to Richmond Valley Council.
 - Operations are to be undertaken in accordance with the plan.
66. The Aboriginal heritage exclusion areas are to be maintained and clearly mapped in all environmental management plans/strategies.
67. No Aboriginal objects may be harmed without an approval from Heritage NSW under the National Parks and Wildlife Act 1974.

68. If any Aboriginal object(s) are discovered and/or harmed in, or under the land, while undertaking the proposed development activities, the proponent must;
- a) Not further harm the object(s),
 - b) immediately cease all work at the particular location,
 - c) secure the area so as to avoid further harm to the Aboriginal objects(s),
 - d) notify heritage NSW as soon as practical providing any details of the Aboriginal objects(s) and its location,
 - e) not recommence any work at the particular location unless authorised in writing by Heritage NSW.
69. If harm to Aboriginal objects cannot be avoided, an application for an Aboriginal heritage Impact Permit (AHIP) must be prepared and submitted to Heritage NSW before work may continue.
70. In the event that skeletal remains are unexpectedly encountered during the activity, work must stop immediately, the area secured to prevent unauthorized access and NSW Police and Heritage NSW contacted.

VISUAL AMENITY

Visual Amenity

71. The operator must implement all reasonable and feasible measures to minimise the visual impacts of the development, including maintaining the bunds established on the site.

Lighting Emissions

72. The Operator must ensure any lighting installed at the premises complies with AS 4282: *Control of Obtrusive Effects of Outdoor Lighting*.

WASTE MANAGEMENT

73. The Operator must:
- a) minimise the waste generated by the development; and
 - b) ensure that the waste generated by the development is appropriately stored, handled, and disposed of,
 - i. All waste must be stored in a designated waste storage area and removed from the site to an approved waste disposal facility,
 - ii. Any waste storage area used for the storage of liquid wastes must be covered, have an impervious surface and be bunded to prevent the escape of spills and leaks.
 - c) maintain the site in a tidy manner on site at all times,
 - d) operate the on-site sewage management system in accordance with the approval to operate
- to the satisfaction of the EPA and Council.
74. Burning of site refuse and materials is not permitted.

LIQUID STORAGE

75. The Operator must ensure that all tanks and similar storage facilities (other than for water) are protected by appropriate bunding or other containment, in accordance with the relevant Australian Standards.

EMERGENCY AND HAZARDS MANAGEMENT

Dangerous Goods

76. The Operator must 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.
77. The operator must not store or transport hazardous materials above the relevant risk screening thresholds contained in guidelines to *State Environmental Planning Policy (Resilience and Hazards) 2021*.

Safety

78. The Operator must secure the development to ensure public safety.

Bushfire Management

79. The Operator must:
- ensure that the development is suitably equipped to respond to any fires on-site; and
 - assist the rural fire service and emergency services as much as possible if there is a fire on-site.

BIODIVERSITY AND REHABILITATION

Vegetation Removal

80. Vegetation removal shall be limited to vegetation identified to be removed in the *Petersons Quarry Expansion Flora and Fauna Assessment* prepared by Eco Logical, dated 02/08/2021 V2.

Rehabilitation

81. The Operator must rehabilitate the site in a manner that is generally consistent with the conceptual final landform in Appendix 3 and comply with the objectives in Table 4, to the satisfaction of Council.

Table 4: Rehabilitation Objectives

Feature	Objective
Lands associated with the development (as a whole)	<ul style="list-style-type: none">Safe, stable and non-pollutingFinal landform integrated with surrounding natural landforms as far as is reasonable and minimize the visual impacts of the development when viewed from surrounding land.
Surface infrastructure	<ul style="list-style-type: none">Decommissioned and removed unless required for ongoing agricultural activities as agreed with Council.
Quarry benches and pit floor	<ul style="list-style-type: none">Revegetation using a combination of pasture species and native vegetation corridors which link other remnant vegetation on site.

Note: This condition is corresponding to condition 31 Schedule 3 of SSD consent notice as required by DPE

82. The Operator must rehabilitate the lands associated with the development progressively, that is, as soon as reasonably practicable following disturbance. All reasonable and feasible measures must be taken to minimise the total area exposed for dust generation at any time. Interim stabilisation measures must be implemented where reasonable and feasible to control dust emissions in disturbed areas that are not active and which are not ready for final rehabilitation.

Note: It is accepted that parts of the lands associated with the development that are progressively rehabilitated may be subject to further disturbance in the future.

Note: This condition is corresponding to condition 32 Schedule 3 of SSD consent notice as required by DPE

Biodiversity and Rehabilitation Management Plan

83. The Applicant must prepare a Biodiversity and Rehabilitation Management Plan for the site to the satisfaction of the Council. This plan must:
- a) be prepared in consultation with Biodiversity Conservation Division (BCD), and be submitted to the Council for approval within 6 months of the date of this consent, or prior to the commencement of operations, whichever is earlier, unless the Council agrees otherwise;
 - b) provide details of the conceptual final landform and associated land uses for the site;
 - c) describe how the management of biodiversity would be integrated with the overall rehabilitation of the site;
 - d) include detailed performance and completion criteria for evaluating the performance of the biodiversity management measures and rehabilitation of the site, including triggers for any necessary remedial action;
 - e) describe the short, medium and long-term measures that would be implemented at the site;
 - f) ensure compliance with the rehabilitation objectives, and the progressive rehabilitation obligations in this consent;
 - g) include a program to monitor the effectiveness of these measures, and progress against the performance and completion criteria;
 - h) identify the potential risks to the successful implementation of the plan and include a description of the contingency measures that would be implemented to mitigate these risks; and
 - i) include details of who would be responsible for monitoring, reviewing, and implementing the plan.
 - j) ensure compliance with the rehabilitation objectives, and the progressive rehabilitation obligations in this consent

The Applicant must implement the management plan as approved by the Council.

Note: This condition is similar to condition 33 Schedule 3 of SSD consent notice as required by DPE

Rehabilitation Fund

84. Within 6 months of the approval of the Biodiversity and Rehabilitation Management Plan, the Operator must lodge a Conservation and Rehabilitation Bond with the Council to ensure that the management of biodiversity and the rehabilitation of the lands associated with the development are implemented in accordance with the performance and completion criteria set out in the Biodiversity and Rehabilitation Management Plan.

The sum of the bond must be determined by:

- a. calculating the cost of rehabilitating the site, taking into account the likely surface disturbance over the next 3 years of quarrying operations; and
- b. engage a suitably qualified quantity surveyor or other expert to verify the calculated costs, to the satisfaction of the Council.

Notes:

- *If the rehabilitation of the site area is completed to the satisfaction of the Council, then the Council will release the bond.*
- *If the rehabilitation of the site is not completed to the satisfaction of the Council, then the Council will call in all or part of the bond, and arrange for the completion of the relevant works.*

Note: This condition is corresponding to condition 34 Schedule 3 of SSD consent notice as required by DPE.

85. Within 3 months of each Independent Environmental Audit the Operator must engage a suitably qualified quantity surveyor or other expert to review, and if necessary revise, the sum of the Rehabilitation Bond to the satisfaction of the Council. This review must consider the:
- a. effects of inflation;
 - b. likely cost of rehabilitating the site (taking into account the likely surface disturbance over the next 3 years of the development); and
 - c. performance of the implementation of the rehabilitation of the site to date.

Note: In the event of sale of the land or change of operator, the bond must be transferred to the party liable for rehabilitation of the site and retained for the nominated purpose.

Quarry Closure Strategy

86. At least 5 years prior to the cessation of quarry operations, the Operator must prepare a Quarry Closure Strategy for the development, to the satisfaction of Council. This strategy must:
- a) define the objectives and criteria for quarry closure;
 - b) investigate options for the future use of the site, including any final void/s;
 - c) describe the measures that would be implemented to minimise or manage the ongoing environmental effects of the development; and
 - d) describe how the performance of these measures would be monitored over time.

PART C: REPORTING

ENVIRONMENTAL MANAGEMENT STRATEGY

87. Prior to commencement of operations, the Operator must prepare and implement an Environmental Management Strategy for the development taking into consideration any management and mitigation measures identified in the Environmental Impact Statement titled *Petersons Quarry Environmental Impact Statement* (Groundwork Plus March 2022) including any additional information submitted and any management plans and monitoring programs approved under the conditions of this approval. The Strategy must:

- a) Provide the strategic context for environmental management of the project;
- b) Identify the statutory requirements that apply to the project;
- c) Describe the role, responsibility, authority and accountability of the key personnel involved in the environmental management of the project; and;
- d) Describe the procedures that would be implemented to:
 - i. Keep the local community and relevant agencies informed about the construction, operation and environmental performance of the project;
 - ii. Receive, handle, respond to and record complaints;
 - iii. Resolve any disputes that may arise during the life of the project;
 - iv. Respond to any non-conformances;
 - v. Manage cumulative impacts; and
 - vi. Respond to emergencies.

ANNUAL REVIEW

88. Prior to the end of August each year, the Operator must prepare and submit to Council an annual review detailing the environmental performance of the development. The annual review must:

- a) describe the development that was carried out in the previous financial year, and the development that is proposed to be carried out over the current financial year;
- b) include a comprehensive review of the monitoring results and complaints records of the development over the previous financial year, which includes a comparison of these results against:
 - i. the relevant statutory requirements, limits or performance measures/criteria;
 - ii. requirements of any plan or program required under this consent; and
 - iii. the monitoring results of previous years.
- c) identify any non-compliance in the previous financial year, and describe what actions were (or are being) taken to ensure compliance;
- d) identify any trends in the monitoring data over the life of the development;
- e) identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and
- f) describe what measures will be implemented over the current financial year to improve the environmental performance of the development.
- g) provide documentary evidence of the continued application of any landowner agreements relating to environmental noise including any new or amended agreement(s) consistent with the agreement terms outlined in Condition 35.

INDEPENDENT ENVIRONMENTAL AUDIT

89. Within one year of the commencement of any development under this consent, and every five years after the Operator must commission and pay the full cost of an Independent Environmental Audit (Audit) of the development. The Audit must:
- a) be led and conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by Council;
 - b) assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent and any relevant EPL (including any assessment, plan or program required under these approvals);
 - c) review the adequacy of any approved strategy, plan or program required under this consent;
 - d) recommend appropriate measures or actions to improve the environmental performance of the development and any assessment, strategy, plan or program required under the abovementioned consent; and
 - e) be conducted and reported to the satisfaction of Council.
90. Within three months of commencing an Independent Environmental Audit the Operator must submit a copy of the audit report to the Council, and any other NSW agency that requests it, together with its response to any recommendations contained the audit report, and a timetable for the implementation of the recommendations.

ACCESS TO INFORMATION

91. 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 any independent environmental audit or Annual Review, the Operator must provide a copy of the relevant document/s to Council.
92. The Operator must keep up-to-date copies of the following information available on site, at all times:
- a) the documents listed in condition 2 of this consent;
 - b) approved strategies, plans or programs;
 - c) a complaints register, which is to be updated on a quarterly basis;
 - d) Annual Reviews (over the last 5 years);
- any independent environmental audit.

COMMUNITY ENGAGEMENT

93. Prior to commencement of quarrying operations, the Operator must make available on its website;
- a) a copy of this consent and any associated plans and strategies, and
 - b) details outlining how a member of the public can raise any complaints or issues directly to the quarry operator.

PART D: INTEGRATED DEVELOPMENT GENERAL TERMS OF APPROVAL

GENERAL TERMS OF APPROVAL FOR THE NSW ENVIRONMENT PROTECTION AUTHORITY ISSUED PURSUANT TO SECTION 4.46 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979

Administrative conditions

A1. Information supplied to the EPA

A1.1 Except as expressly provided by these general terms of approval, works and activities must be carried out in accordance with the proposal contained in:

- the development application DA2022/0250 submitted to Richmond Valley Council on 28/06/2022;
- the Peterson Quarry Environmental Impact Statement (EIS) prepared by Groundwork Plus dated March 2022 relating
- to the development; and
- all additional documents supplied to the EPA in relation to the development, including but not limited to:
 - EIS Appendix 6, Noise and Air Quality Assessment Quarry Extension Petersons Quarry Coraki, MWA
 - Environmental 10 March 2022;
 - EIS Appendix 7 Petersons Quarry Surface Water Assessment, Groundwork Plus February 2022; and
 - EIS Appendix 9 Petersons Quarry Blasting Assessment Groundwork Plus July 2021.
 - Re-Assessment of Meteorological Analysis (Ref: L27322/BH/20-156) dated 7 December 2022

A2. Fit and Proper Person

A2.1 The applicant must, in the opinion of the EPA, be a fit and proper person to hold a licence under the Protection of the Environment Operations Act 1997, having regard to the matters in s.83 of that Act.

A3. Premises to which the General Terms of Approval applies

A3.1 These General Terms of Approval apply to the following premises: Petersons Road, Coraki, New South Wales on land identified as Lot 401 DP633427, Lots 402 and 403 DP802985, Lot 408 DP1166287, Lot A DP397946, Lot A DP389418, Lot 3 DP701197, Lot 2 DP954593, Lot 1 DP954592, Lot 1 DP310756, Lot 1 DP1165893 and Lot 1 DP1225621.

2 Discharges to Air and Water and Applications to Land

P1. Location of monitoring/discharge point

P1.1 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.

P1.2 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.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
3	Sediment Basin Discharge	Sediment Basin Discharge	Water Release Point 3 (526143E, 6794710N)
4	Sediment Basin Discharge	Sediment Basin Discharge	Water Release Point 4 (526147E, 6794310N)

3 Limit Conditions

L1. Pollution of waters

L. 1.1 Except as may be expressly provided by a licence under the Protection of the Environment Operations Act 1997 in relation of the development, section 120 of the Protection of the Environment Operations Act 1997 must be complied with in and in connection with the carrying out of the development.

L2. Concentration limits

L2.1 For each discharge point or utilisation area specified in the table/s below, the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentrations limits specified for that pollutant in the table.

L2.2 Where a pH quality limit is specified in the Table, the specified percentage of samples must be within the specified ranges.

L2.3 To avoid any doubt, this condition does not authorise the discharge or emission of any other pollutants.

L2.4 Water and/or Land concentration Limits

Point 3,4

Pollutant	Units of measure	50% concentration limit	90% Concentration limit	3DGM concentration limit	100% concentration limit
Oil and grease	Visible				Nil
pH	pH				6.5-8.5
Total suspended solids	mg/L				50

L2.5 The concentration limits in the above table do not apply to any discharge from the sediment basin (Water Release Points 3 and 4) solely arising from rainfall measured at the premises exceeding 60.2 mm in total falling over any consecutive five day period.

L2.6 If the licensee uses turbidity (NTU) in place of TSS to determine compliance with Condition L2.4, the licensee must develop a statistical correlation which identifies the relationship between NTU and TSS for water quality in the sediment basin/s in order to determine the NTU equivalent of 50 mg/L TSS before its use.

L2.7 The licensee must provide the EPA with a copy of the statistical correlation assessment methodology and results before using NTU in place of TSS.

L2.8 The licensee must develop and implement a method to enable the ongoing verification of the relationship between NTU and TSS.

L2.9 The licensee must provide the EPA with any amendments the licensee makes to the statistical correlation as a result of the ongoing verification required by Condition L2.8 before using the revised statistical correlation.

L3. Waste

L3.1 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by a licence under the Protection of the Environment Operations Act 1997.

L3.2 This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if it requires an environment protection licence under the Protection of the Environment Operations Act 1997.

L4. Noise limits

L4.1 Noise generated at the premises must not exceed the noise limits at the times and locations in the table below.

Location	Noise Limits in dB(A)
	Day
	L _{Aeq} (15 minute)
Any residential receiver	40

Note: The noise limits specified in condition L4.1 do not apply to any sensitive receiver location (residence) where a noise agreement is in place between the licensee and the respective land owner(s) in respect to noise impacts and/or noise limits.

L4.2 For the purposes of condition L4. 1:

- a) Day means the period from 7am to 6pm Monday to Saturday and the period from 8am to 6pm Sunday and public holidays.

L4.3 Noise-enhancing meteorological conditions

- a) The noise limits set out in condition L4.1 apply under the following meteorological conditions:

Assessment Period	Meteorological Conditions
Day	Stability Categories A, B, C and D with wind speeds up to and including 3m/s at 10m above ground level.

- b) For those meteorological conditions not referred to in condition L4.3(a), the noise limits that apply are the noise limits in condition L4.1 plus 5dB.

L4.4 For the purposes of condition L4.3:

- a) The meteorological conditions are to be determined from meteorological data obtained from the meteorological weather station identified as **Bureau of Meteorology AWS at Coraki (Richmond Terrace)**

L4.5 To assess compliance:

- a) with the LAeq(15 minutes) noise limits in condition L4.1 and L4.3, the noise measurement equipment must be located:
 - (i) approximately on the property boundary, where any residence is situated 30 metres or less from the property boundary closest to premises; or where applicable,
 - (ii) in an area within 30 metres of a residence façade, but not closer than 3 metres where any residence on the property is situated more than 30 metres from the property boundary closest to the premises; or, where applicable,
 - (iii) in an area within 50 metres of the boundary of a National Park or Nature Reserve,
 - (iv) at any other location identified in condition L4.1
- b) with the LAeq(15 minutes) noise limits in condition L4.1 and L4.3, the noise measurement equipment must be located:
 - (i) at the reasonably most affected point at a location where there is no residence at the location; or,
 - (ii) at the reasonably most affected point within an area at a location prescribed by condition L4.5 (a).

L4.6 A non-compliance of conditions L4.1 and L4.3 will still occur where noise generated from the premises is measured in excess of the noise limit at a point other than the reasonably most affected point at the locations referred to in condition L4.5 (a) or L4.5 (b).

NOTE to L4.5 and L4.6: The reasonably most affected point is a point at a location or within an area at a location experiencing or expected to experience the highest sound pressure level from the premises.

L4.7 For the purpose of determining the noise generated from the premises, the modifying factor corrections in Table C1 in Fact Sheet C of the *Noise Policy for Industry* (NSW EPA, 2017) may be applied, if appropriate, to the noise measurements by the noise monitoring equipment.

L4.8 Noise measurements must not be undertaken where rain or wind speed at microphone level will affect the acquisition of valid measurements.

Note: Noise Policy for Industry - the document entitled "*Noise Policy for Industry*" published by the NSW Environment Protection Authority in October 2017.

Noise – 'sound pressure levels' for the purposes of conditions L4.1 to L4.8.

LAeq (15 minute) - the value of the A-weighted sound pressure level of a continuous steady sound that, over a 15 minute time interval, has the same mean square sound pressure level as a sound under consideration with a level that varies with time (Australian Standard AS 1055:2018 *Acoustics: description and measurement of environmental noise*).

L5. Blasting

L5.1 The airblast overpressure level from blasting operations in or on the premises must not exceed:

- a) 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period or one blast in each reporting period (whichever is the greater); and
- b) 120 dB (Lin Peak) at any time.

At any point within one metre of any affected residential boundary or other noise sensitive receiver unless the location is owned by the licensee or is subject to a private written agreement between the owner of the residence or noise sensitive location as to an alternative overpressure level.

L5.2 The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed:

- a) 5 mm/s for more than 5% of the total number of blasts during each reporting period or one blast in each reporting period (whichever is the greater); and
- b) 10 mm/s at any time.

At any point within one metre of any affected residential boundary or other noise sensitive receiver unless the location is owned by the licensee or is subject to a private written agreement between the owner of the residence or noise sensitive location as to an alternative ground peak velocity level.

L5.3 Sensitive receivers R1 through to R9 are to be given at least 24 hours notice when blasting is to be undertaken.

L5.4 To determine compliance with condition(s) L5. 1 and L5.2:

- a) airblast overpressure and ground vibration peak particle velocity must be measured at the most affected residence or noise sensitive location that is not owned by the licensee or subject to a private agreement between the owner and the licensee as to an alternative airblast overpressure location and/or ground vibration peak particle velocity for all blasts carried out in or on the premises; and
- b) Instrumentation used to measure the airblast overpressure and ground vibration peak particle velocity must meet the requirements of Australian Standard AS 2187.2-2006.

L6. Hours of operation

L6.1 Activities at the premises, other than construction work, may only be carried on between the hours of 7am to 6pm Monday to Friday, and 8am to 1pm Saturday, and at no time on Sundays and Public Holidays.

This condition does not apply if written permission from the property owners of sensitive receivers R1 to R9 for an extended hours of operation has been provided to the EPA.

L6.2 This condition does not apply to the delivery of material outside the hours of operation permitted by condition L6.1, 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, prior notification is provided to the EPA and affected residents as soon as possible, or within a reasonable period in the case of emergency.

L6.3 The licensee may operate under the extended operating hours as set out in the table below only after obtaining written agreements with sensitive receivers (landholders R1 to R9) and after advising the EPA in writing of the terms of these agreements.

Activity	Permissible Hours
Quarrying operations (including truck loading and dispatch)	7am to 6pm Monday, and 8am to 1pm Saturday. At no time on Sundays and Public Holidays
Maintenance Activities	May be conducted at any time

Blasting hours

L6.4 Blasting operations at the premises may only take place between 9:00am and 3:00pm Monday to Friday.

Note: Where compelling safety reasons exist, a blast may occur outside the above hours. Notification must be provided to EPA of this as soon as practicable.

L6.5 The hours of operation specified in conditions L6.1 and L6.4 may be varied with written consent if the EPA is satisfied that the amenity of the residents in the locality will not be adversely affected.

L7. Extraction and processing limits

L7.1 The scale of the extraction of quarry products authorised under this licence must not exceed more than 350,000 tonnes of material at the premises per annum.

L7.2 The scale of the extraction of quarry products authorised under this licence must not exceed 4,900,000 tonnes over the lifetime of the quarry operation.

Operating conditions

O1. Odour

Note: The POEO Act states that no offensive odour may be emitted from particular premises unless potentially offensive odours are identified in the licence and the odours are emitted in accordance with conditions specifically directed at minimising the odours are permitted. Where it is appropriate for a licence to identify and control offensive odours, conditions for the licence should be developed in consultation with the Air Technical Unit.

O2. Dust

O2.1 Activities occurring at the premises must be carried out in a manner that will minimise emissions of dust from the premises.

O2.2 Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading.

O3. Emergency response

Note: The licensee must maintain, and implement as necessary, a current Pollution Incident Response Management Plan (PIRMP) for the premises. Details of the requirements can be found on the EPA website via the following link <http://www.epa.nsw.gov.au/legislation/poefaqspirms.htm>

04. Process and management

04.1 The sites sediment basin/s must be maintained and operated to ensure that: a) All 5 - day rainfall events up to 60.2 mm (the 90th percentile 5 day rain event) are captured. b) Any discharge from the sediment basin that occurs as a result of rainfall below the 5-day total of 60.2 mm must meet the limit conditions specified in **condition L2.4**.

04.2 Sediment Basins shall be treated, if required, to reduce the Total Suspended Solids level to the licenced concentration limit before being discharged to the environment. Treatment can be with gypsum or any other material that has been approved by the EPA.

04.3 All liquid chemicals, fuels and oils must be stored in tanks or containers inside suitable bund(s). Bund(s) are to be designed, constructed and maintained in accordance with the relevant Australian Standard for the Storage and Handling of Flammable and Combustible Liquids.

04.4 Each sedimentation basin must have a marker (the “sedimentation basin marker”) that identifies the upper level of the sediment storage zone.

04.5 The licensee must maximise the diversion of run-on waters from lands upslope and around the site whilst land disturbance activities are being undertaken.

04.6 The licensee must maximise the diversion of stormwater runoff containing suspended solids to sediment basins installed on the premises.

04.7 Where sediment basins are necessary, all sediment basins and associated drainage must be installed and commissioned prior to the commencement of any clearing or grubbing works within the catchment area of the sediment basin that may cause sediment to leave the site.

04.8 The licensee must ensure the design storage capacity of the sediment basins installed on the premises is reinstated within 5 days of the cessation of a rainfall event that causes runoff to occur on or from the premises.

04.9 The licensee must ensure that sampling point(s) for water discharged from the sediment basin(s) are provided and maintained in an appropriate condition to permit:

- a) the clear identification of each sediment basin and discharge point;
- b) the collection of representative samples of the water discharged from the sediment basin(s); and
- c) access to the sampling point(s) at all times by an authorised officer of the EPA

04.10 The licensee must endeavour to maximise the reuse of captured stormwater on the premises.

04.11 The sediment basins must meet the design and operational standards of Managing Urban Stormwater Soils and Construction: Volume 1 and Volume 2 E. Mines and quarries. This document requires that at a minimum 90 percentile five-day rainfall event be used to determine basin sizing for quarries.

Monitoring and recording conditions

M1 Monitoring records

M1.1 The results of any monitoring required to be conducted by the EPA's general terms of approval, or a licence under the Protection of the Environment Operations Act 1997, in relation to the development or in order to comply with the load calculation protocol must be recorded and retained as set out in conditions M1.2 and M1.3.

M1.2 All records required to be kept by the licence must be:

- in a legible form, or in a form that can readily be reduced to a legible form;
- kept for at least 4 years after the monitoring or event to which they relate took place; and
- produced in a legible form to any authorised officer of the EPA who asks to see them.

M1.3 The following records must be kept in respect of any samples required to be collected: the date(s) on which the sample was taken;

- the time(s) at which the sample was collected;
- the point at which the sample was taken; and
- the name of the person who collected the sample.

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 applicant must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The applicant must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

M2.2 Water and/or Land Monitoring Requirements

Point 3, 4

Pollutant	Units of measure	Frequency	Sampling Method
Oil and grease	Visible	Special Frequency 1	Visual Inspection
pH	pH	Special Frequency 1	Probe
Total suspended solids	Milligrams per litre	Special Frequency 1	Grab sample

M2.3 Special Frequency 1 means sampling any discharge, whether controlled or otherwise, which has not occurred from rainfall exceeding 60.2 mm over any consecutive five day period.

M3. Testing methods - concentration limits

M3.1 Monitoring for the concentration of a pollutant discharged to waters must be done in accordance with: the Approved Methods Publication; or if there is no methodology required by the Approved Methods Publication or by the general terms of approval or in the licence under the Protection of the Environment Operations Act 1997 in relation to the development or the relevant load calculation protocol, a method approved by the EPA in writing before any tests are conducted, unless otherwise expressly provided in the licence.

M4 Environmental monitoring

M4.1 The licensee is required to install and maintain a rainfall depth measuring device.

M5 Weather monitoring

M5.1 Rainfall at the premises must be measured and recorded in millimetres per 24 hour period at the same time each day from the time that the site office associated with the activities permitted by this licence is established.

M5.2 The rainfall monitoring data collected in compliance with Condition M4.1 can be used to determine compliance with Condition L2.5.

M6. Blast Monitoring

M6.1 The licensee must monitor all blasts carried out in or on the premises at or near the nearest residence or noise sensitive location (such as a school or hospital) that is likely to be most affected by the blast and that is not owned by the licensee or subject of a private agreement between the owner of the residence or noise sensitive location and the licensee relating to alternative blasting limits.

M6.2 To determine compliance with Conditions L5.1 and L5.2:

- (a) Airblast overpressure and ground vibration levels must be measured and electronically recorded in accordance with the ANZECC guidelines for all production blasts carried out in or on the premises; and
- (b) The written record must include:
 - i) the time and date of each blast;
 - ii) the station(s) at which the noise was measured;
 - iii) the ground vibration for each blast;
 - iv) the airblast overpressure for each blast;
 - v) evidence that during the past 12 month period, a calibration check had been carried out on each blast monitor to ensure accuracy of the reported data; and
 - vi) the waveform for the ground vibration and overpressure for each blast that exceeds a ground vibration of 5mm/sec (peak particle velocity) or an airblast overpressure of 115dB(L).
- (c) Instrumentation used to measure the airblast overpressure and ground vibration levels must meet the requirements of Australian Standard 2187.2 of 2006.

M7 Requirement to Monitor Noise

M7.1 Attended noise monitoring must be undertaken in accordance with Condition L4.5 and must:

- a) occur at each location specified in Condition L4. 1 (R1 to R9);
- b) occur once every reporting period;
- c) occur during each day, evening and night period as defined in the *Noise Policy for Industry* for a minimum of: 1.5 hours during the day;
- d) occur for three consecutive operating days.

This condition does not apply if written permission from the property owners of receivers R1 through to R9 for an exceedance of condition L4. 1 has been provided to the EPA

M7.2 The licensee, following the receipt of a noise complaint and if requested by the EPA, must undertake noise monitoring as required in writing by the EPA.

Reporting conditions

R1.1 The applicant must provide an annual return to the EPA in relation to the development as required by any licence under the Protection of the Environment Operations Act 1997 in relation to the development. In the return the applicant must report on the annual monitoring undertaken (where the activity results in pollutant discharges), provide a summary of complaints relating to the development, report on compliance with licence conditions and provide a calculation of licence fees (administrative fees and, where relevant, load based fees) that are payable. If load based fees apply to the activity the applicant will be required to submit load-based fee calculation worksheets with the return.

R1.2 The licensee must report any exceedance of the licence blasting limits to the EPA as soon as practicable after the exceedance becomes known to the licensee or to one of the licensee's employees or agents.

R1.3 The licensee must also include the following information with the Annual Return:

- A statement detailing the total volume of material extracted from the quarry for the reporting period; and
- The total volume of extracted material transported from the premises for the reporting period.

R1.4 A noise compliance assessment report must be submitted to the EPA within 30 days of the completion of the annual monitoring if an exceedance of Condition L4. 1 and L4.3 occurs. The assessment must be prepared by a competent person and include:

- a) an assessment of compliance with noise limits presented in Condition L4. 1 and L4.3; and
- b) an outline of any management actions taken within the monitoring period to address any exceedances of the limits contained in Condition L4.1 and L4.3.

Attachment – Mandatory Conditions for all EPA licences

Administrative conditions

Other activities

(To be used on licences with ancillary activities)

This licence applies to all other activities carried on at the premises, including:

- **Extractive activities**

Operating conditions

Activities must be carried out in a competent manner

Licensed activities must be carried out in a competent manner.

- This includes:
 - i. the processing, handling, movement and storage of materials and substances used to carry out the activity; and
 - ii. the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

Maintenance of plant and equipment

- All plant and equipment installed at the premises or used in connection with the licensed activity:
 - i. must be maintained in a proper and efficient condition; and
 - ii. must be operated in a proper and efficient manner.

Monitoring and recording conditions

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.

The record must include details of the following:

- the date and time of the complaint;
- the method by which the complaint was made;
- any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- the nature of the complaint;
- the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
- if no action was taken by the licensee, the reasons why no action was taken.

The record of a complaint must be kept for at least 4 years after the complaint was made.

The record must be produced to any authorised officer of the EPA who asks to see them.

Telephone complaints line

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.

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.

This condition does not apply until 3 months after this condition takes effect.

Reporting conditions

Annual Return documents

What documents must an Annual Return contain?

- 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.

A copy of the form in which the Annual Return must be supplied to the EPA accompanies this licence. Before 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.

Period covered by Annual Return

An Annual Return must be prepared in respect of each reporting, except as provided below

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.

- Where this licence is transferred from the licensee to a new licensee,
 - i. 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
 - ii. 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.

Note: An application to transfer a licence must be made in the approved form for this purpose.

- 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
 - i. in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
 - ii. in relation to the revocation of the licence – the date from which notice revoking the licence operates.

Deadline for Annual Return

The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the ‘due date’).

Notification where actual load can not be calculated

(Licences with assessable pollutants)

Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee’s control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date.

- The notification must specify:
 - i. the assessable pollutants for which the actual load could not be calculated; and
 - ii. the relevant circumstances that were beyond the control of the licensee.

Licensee must retain copy of Annual Return

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.

Certifying of Statement of Compliance and Signing of Monitoring and Complaints Summary

Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

- (a) the licence holder; or
- (b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

A person who has been given written approval to certify a Statement of Compliance under a licence issued under the Pollution Control Act 1970 is taken to be approved for the purpose of this condition until the date of first review this licence.

Notification of environmental harm

Note: The licensee or its employees must notify the EPA 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

Notifications must be made by telephoning the EPA's Pollution Line service on 131 555.

The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

Written report

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.

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.

- The request may require a report which includes any or all of the following information:
 - i. the cause, time and duration of the event;
 - ii. the type, volume and concentration of every pollutant discharged as a result of the event;
 - iii. 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; and
 - iv. 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;
 - v. action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
 - vi. details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event;
 - vii. any other relevant matters.

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.

General conditions

Copy of licence kept at the premises or on the vehicle or mobile plant

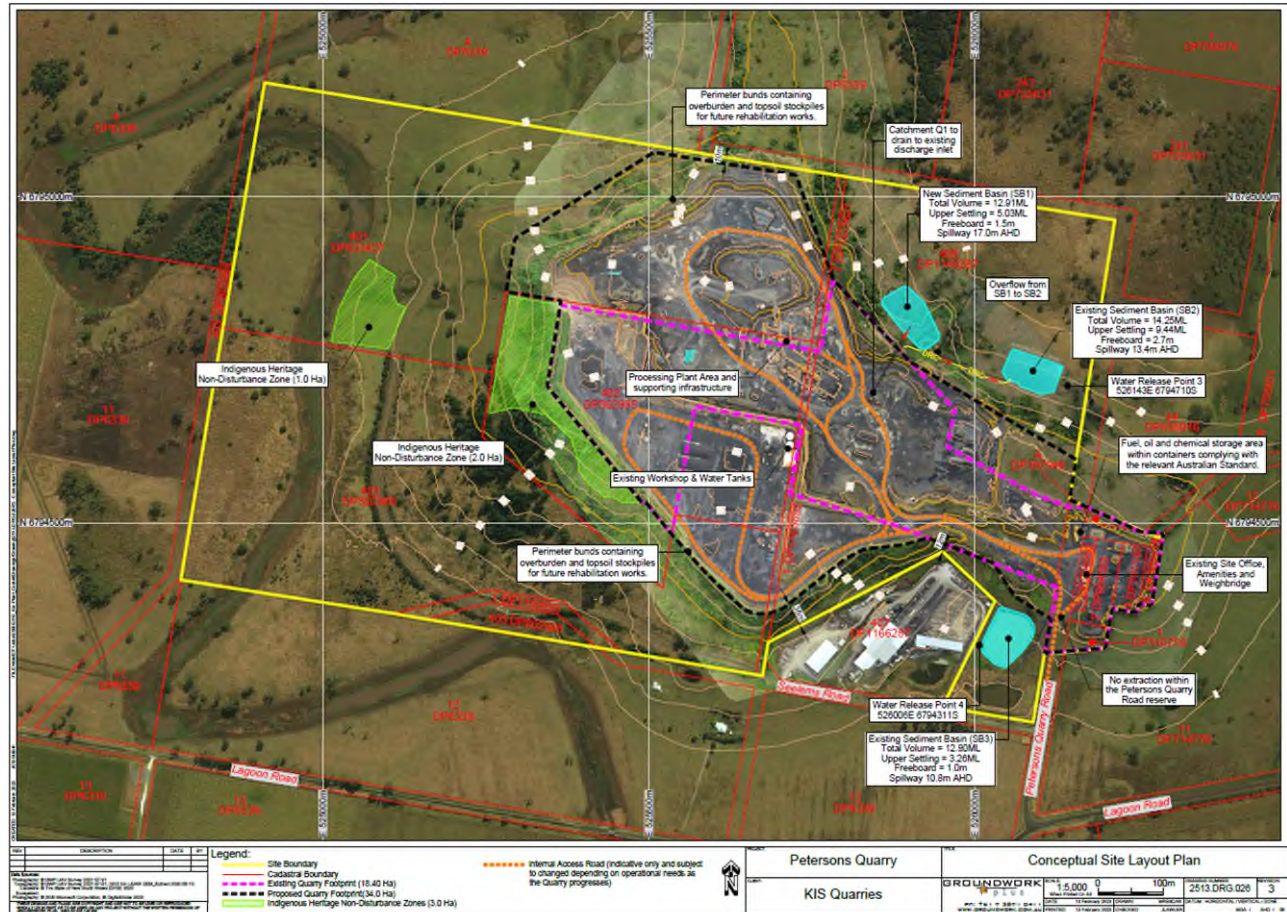
A copy of this licence must be kept at the premises or on the vehicle or mobile plant to which the licence applies.

The licence must be produced to any authorised officer of the EPA who asks to see it.

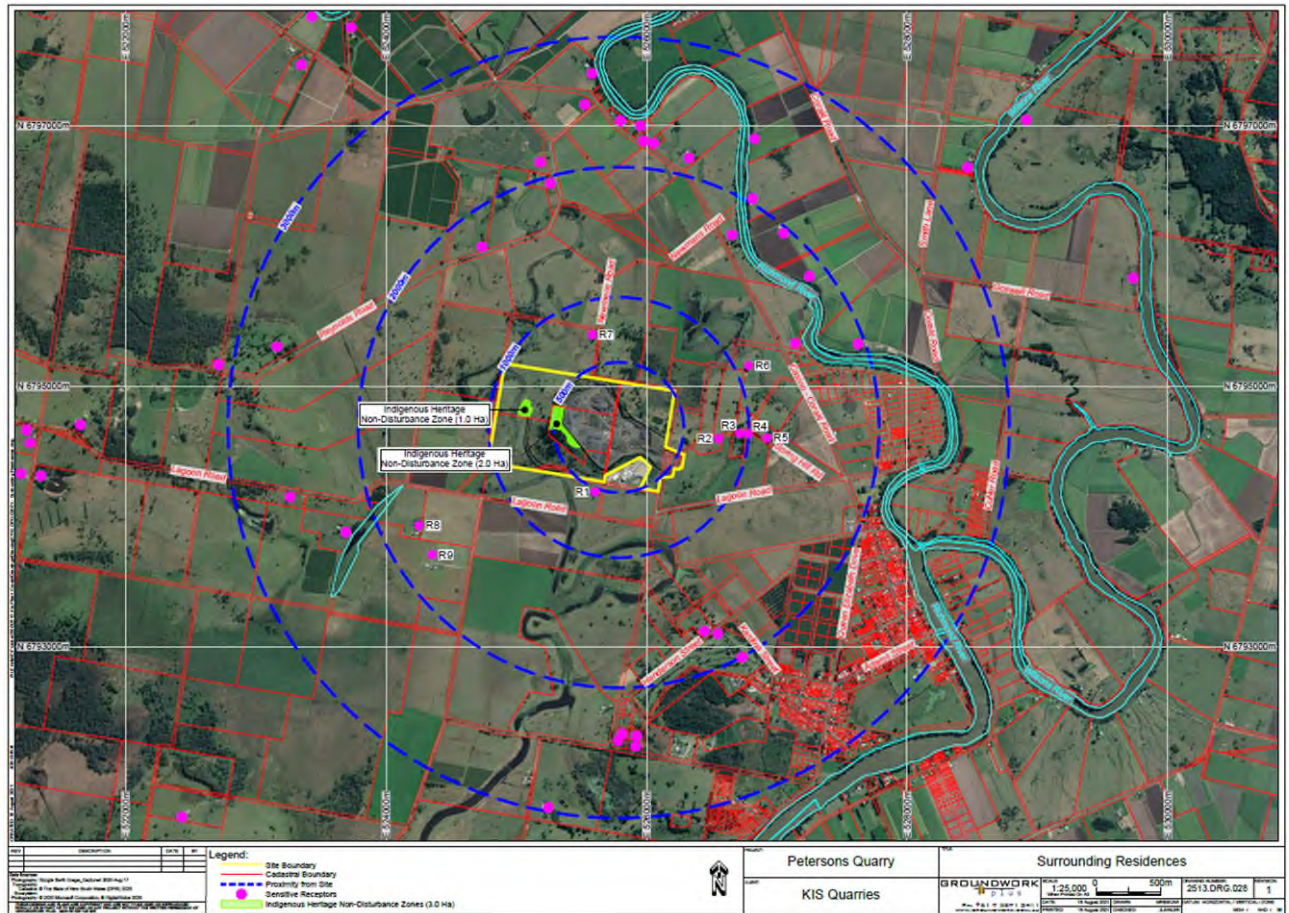
The licence must be available for inspection by any employee or agent of the licensee working at the premises or operating the vehicle or mobile plant.

PART E: APPENDICES

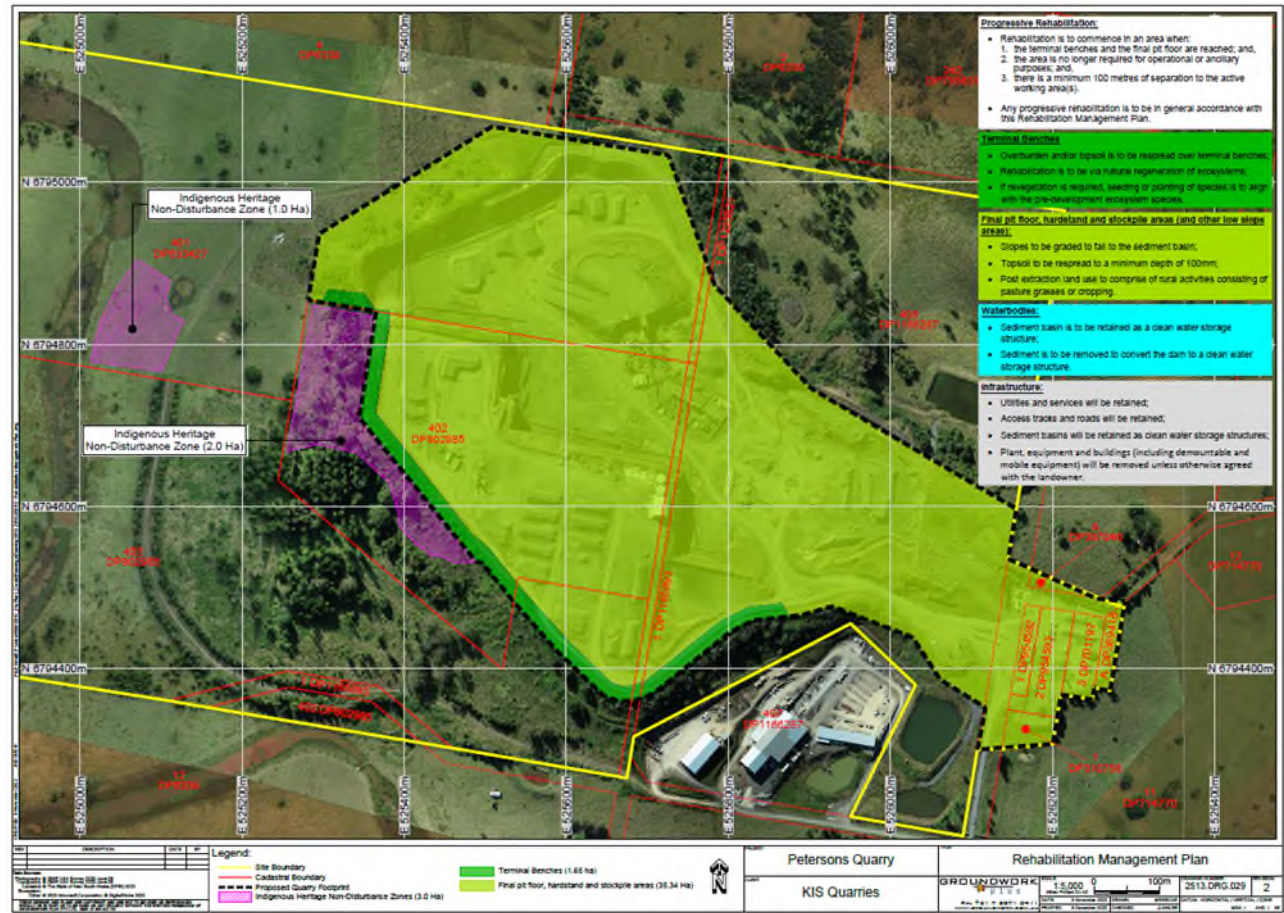
Appendix 1 – Proposed Quarry Plan



Appendix 2 – Noise Receiver Locations



Appendix 3 – Conceptual Rehabilitation Plan



INFORMATION TO APPLICANTS

ADVISORY NOTES

NOTE 1: Prior to commencing any construction works, the following provisions of the Environmental Planning and Assessment Act, 1979 are to be complied with:

- (i) A Construction Certificate is to be obtained from the Consent Authority or an Accredited Certifier in accordance with Section 6.7 of the Act.
- (ii) A Principal Certifying Authority is to be appointed and Council is to be notified of the appointment in accordance with Section 6.6 of the Act.
- (iii) Council is to be given at least two (2) days notice of the persons intention to commence building works, in accordance with Section 6.6 of the Act.

NOTE 2: The applicant may apply to the Council or an Accredited Certifier for the issuing of a Construction Certificate and to be the Principal Certifying Authority to monitor compliance with the approval and issue of any relevant documentary evidence or certificates.

NOTE 3: In accordance with Section 69 of the Environmental Planning and Assessment Regulation, it is a condition of Development Consent for development that involves any building work, that the work must be carried out in accordance with the requirements of the Building Code of Australia.

NOTE 4: If the provision of services or the construction of any infrastructure or any other thing required by this consent occurs, and a GST is payable by Council, the applicant will pay to the Council the GST (as defined below) which is payable by the Council in respect of this consent.

NB: GST means any tax levy charge or impost under the authority of any GST law (as defined by the GST Act) and includes GST within the meaning of the GST Act.

The GST Act means a New Tax System (Goods and Services Tax) Act 1999 or any amending or succeeding legislation.

NOTE 5: This development approval does not guarantee compliance with the Disability Discrimination Act and the developer should therefore investigate their liability under the Act. Council can assist developers by directing them to Parts 2, 3 and 4 of the Australian Standard 1428 – Design for Access and Mobility (Part 1 is mandatory in the BCA).

NOTE 6: The granting of the development consent does not negate the owner/applicant's obligations under Part 6 of the *National Parks and Wildlife Act 1974*, where it is declared an offence to harm, or desecrate, an Aboriginal object or declared Aboriginal Place. The Office of Environment and Heritage's *Due Diligence Code of Practice* should be used to determine whether harm is likely, and whether consent in the form of an Aboriginal Heritage Impact Permit (AHIP) is required.

NOTE 7: Underground assets may exist in the area that is subject to your application. In the interests of health and safety and in order to protect damage to third party assets please contact Dial before you dig at www.1100.com.au or telephone on 1100 before excavating or erecting structures (This is the law in NSW). If alterations are required to the configuration, size, form or design of the development upon contacting the Dial before You Dig service, an amendment to the development consent (or a new development application) may be necessary. Individuals owe asset owners a duty of care that must be observed when working in the vicinity of plant or assets. It is the individual's responsibility to anticipate and request the nominal location of plant or assets on the relevant property via contacting the Dial before you dig service in advance of any construction or planning activities.

NOTE 8: Telstra (and its authorised contractors) are the only companies that are permitted to conduct works on Telstra's network and assets. Any person interfering with a facility or installation owned by Telstra is committing an offence under the Criminal Code Act 1995 (Cth) and is liable for prosecution.

Furthermore, damage to Telstra's infrastructure may result in interruption to the provision of essential services and significant costs. If you are aware of any works or proposed works which may affect or impact on Telstra's assets in any way, you are required to contact: Telstra's Network Integrity Team on Phone Number 1800 810 443.

NOTE 9: Works within any part of the road reserve which will impact on pedestrians or traffic flow (including temporary site fencing which restricts pedestrian access, temporary disruption to traffic, etc) requires application under Section 138 of the Roads Act for approval to carry out any activity within the road reserve to Council. The application is to be made by the contractor proposing to carry out the activity in the road reserve prior to the commencement of the works in the road reserve.

The Section 138 Roads Act application is to be made via the NSW ePlanning Portal at <<https://pp.planningportal.nsw.gov.au>>.

In association with any Section 138 Roads Act application a Traffic Guidance Scheme (TGS) shall be prepared and submitted. Any TGS shall comply with Transport for NSW technical manual "Traffic Control at Work Sites" and shall be prepared by a person who is qualified, authorised and has passed a SafeWork NSW approved training course. The TGS designer's certification number is to appear on the Traffic Guidance Scheme.

The Operator shall maintain all warning signs, lights, barriers and fences etc in accordance with the Traffic Guidance Scheme, Australian Standards and Work Cover guidelines. Safe public access around any works shall be provided at all times unless detailed in the Traffic Control Plan.

All contractors working within the road reserve are to have Public Liability Cover to a minimum value of \$20,000,000. A certificate of currency is to be attached to any Section 138 Roads Act application to Council prior to the commencement of works.

Any advertising required to be undertaken by Council shall be at the developer's cost.

The contractor shall not undertake any activity within the public road reserve until such time that a Section 138 Roads Act approval has been issued by Richmond Valley Council.

Any and all works approved under the Section 138 Roads Act application must be completed prior to commencement of operations under this consent.

NOTE 10. A defects liability bond (in cash or Bank Guarantee) shall be lodged with Council. The date of Practical Completion shall be the date upon which all engineering works are completed and the defects liability bond has been paid. The bond shall be based on 10% of the value of the works which will become Council's assets (Council's adopted Revenue Policy (Fees and Charges)), and will be held by Council for a period of 12 months from the date of Practical Completion. The defects liability bond will be refunded at the satisfactory completion of the maintenance period (12 months). The bond shall only be released by advice from Richmond Valley Council that both the defects liability period has been completed, and that the works have been completed and are satisfactory at the end of the defects liability period.

The bond shall be paid to Council prior to Practical Completion.

NOTE 11. A Civil Engineering assessment fee is to be paid to Council prior to the issue of a Section 138 Roads Act approval for the assessment of plans and inspection of civil works which will impact on or become Council's assets. Rates are as detailed in Council's Revenue Policy (Fees and Charges), with quantities assessed from approved plans detailing such civil works.

NOTE 12. All construction work by private contractors in NSW, costing \$250,000 or more, is liable for the payment of the Long Service Levy to the Long Service Levy Payments Corporation. Construction work includes civil construction such as roads and bridges, pipelines, fuel gas and water storage and distribution infrastructure, sewerage drainage and treatment systems, retaining walls, electrical distribution infrastructure, etc. Confirmation of the payment to the Corporation is to be submitted to Council prior to the issue of the Section 138 Roads Act approval.

NOTE 13. Existing services/infrastructure which requires reconstruction or adjusting to suit a development (electricity, telecommunications, water, sewerage, stormwater, road works, kerb and gutter, footpaths, crossings and driveways, etc.) are to be carried out at the developer's expense. Construction is to be in accordance with Council's standards, or the affected asset owners standards, and shall be completed prior to completion of the works detailed in Condition 61.

NOTE 14. The Operator is to prepare and implement an Erosion and Sediment Control Plan in accordance with NSW Landcom's "Managing Urban Stormwater Soils and Construction, 2004. These control measures shall be in place prior to the commencement of construction works and shall prevent soil erosion and transport of sediments from the development site into either:

- a) adjoining land
- b) natural drainage courses
- c) constructed drainage systems, and
- d) waterways

All control measures are to be maintained in an operational condition at all times during construction and until vegetation or permanent structures can satisfactorily control stormwater runoff. Control measures shall be regularly cleared of sediment and debris build-up, to ensure continued operation.

During construction works all motor fuels, oils and other chemicals are to be stored and used on site in a manner which ensures no contamination of stormwater. No incidents of visible pollution leaving the construction site. No litter placed in a position where it may be blown or washed off site.

NOTE 15. Upon completion of works to be vested in Council, Work as Executed drawings and plans in digital format shall be submitted to and approved by Richmond Valley Council prior to the operation of the quarry under this consent. (AutoCAD or similar - changes as a separate layer in red). All work as executed plans shall bear the Consulting Engineer's or Consulting Surveyor's certification stating that all information shown on the plan is accurate. The plans shall clearly identify any amendments (in red) to the original design. The applicant shall be deemed to have

indemnified all persons using such drawings against any claim or action with respect to breach of copyright.

All details shown in the Works as Executed drawings shall be in accordance with the Richmond Valley Council Works as Executed guidelines. The applicant is to submit a DWG file supporting the works as executed drawings for the ease of transfer of information in RVC's GIS system.

NOTE 16. Inspection and Testing covering all the necessary inspections and testing of the civil engineering works which will become Council's assets (e.g. roads, kerb and gutter, stormwater drainage, water, sewer, footpaths, etc, or works which will impact on other infrastructure owners or adjoining properties e.g. inter allotment drainage lines and pits) shall be undertaken in accordance with the Northern Rivers Local Government Development and Design Manual and the Northern Rivers Local Government Construction Manual.

All relevant hold point inspections require Council attendance and acceptance of the work undertaken prior to the approval of the relevant hold point. If, for any reason, the hold point inspection is not accepted, works cannot proceed past the relevant hold point.

Relevant hold points for road works are to be carried out at the following typical stages (not all stages may be applicable):

- a. Pre-construction - An initial inspection to assess proposed construction methods, trench standards, backfilling, trees to be removed, erosion and sediment controls, compulsory inspections, etc.
- b. Drainage works - including erosion and sedimentation controls
- c. CBR testing - to determine pavement depth and design
- d. Subgrade - includes inspection of subgrade, compaction testing, proof rolling etc
- e. Sub-Base layer - includes inspection of subbase, compaction testing, material test reporting, proof rolling etc
- f. Base layer - includes inspection of base, compaction testing, material test reporting, proof rolling etc
- g. Ball Peen testing and Benklman Beam testing
- h. Pre-approval of nominated mix design
- i. Sealing works (Primer Seal & AC)
- j. Line Marking
- k. Work as Executed plans
- l. Practical Completion
- m. End of maintenance period (12 months after Practical Completion)

All inspections will require a minimum of 48 hours prior notification to Council.

A copy of the Section 138 Roads Act approval, approved design plans, details and specifications must remain on site at all times during construction.

PRESCRIBED CONDITIONS OF DEVELOPMENT CONSENT

Under the provisions of Section 69 of the Environmental Planning and Assessment Regulation for the purposes of Section 4.17(11) of the Environmental Planning and Assessment Act the following conditions are Prescribed Conditions:

1. All building work must be carried out in accordance with the provisions of the Building Code of Australia.

Reason: *Required by Section 69 of the Regulation.*

2. In the case of residential building work for which the Home Building Act 1989 requires there be a contract of insurance in force in accordance with Part 6 of that Act, that such a contract of insurance is in force.

Reason: *Required by Section 69 of the Regulation.*

3. Any Development that requires building work, subdivision work or demolition work a sign must be erected on the development site in a prominent position before the commencement of any work showing:
 - a) Name, address and telephone number of the Principal certifying Authority for the work.
 - b) Name of the Principal Contractor (if any) for any building work and a telephone number on which that person may be contacted outside working hours.
 - c) Stating that unauthorised entry to the work site is prohibited.

NOTE: The sign must be of rigid and durable material and maintained on the site until work has been completed. The sign must be easily read by anyone in any public road or public place adjacent to the site.

Reason: *To ensure compliance with Section 4.17(11) of the Environmental Planning and Assessment Act, 1979 and Section 70 of the Accompanying Regulation.*

4. If the development involves an excavation that extends below the level of the base of the footings of a building, structure or work (including any structure or work within a road or rail corridor) on adjoining land, the person having the benefit of the development consent must, at the person's own expense:
 - (a) protect and support the building, structure or work from possible damage from the excavation, and
 - (b) where necessary, underpin the building, structure or work to prevent any such damage.

The above requirements do not apply if the person having the benefit of the development consent owns the adjoining land or the owner of the adjoining land has given consent in writing to that condition not applying.

Reason: *To ensure compliance with Section 4.17(11) of the Environmental Planning and Assessment Act, 1979 and Section 74 of the Accompanying Regulation.*

DATE FROM WHICH CONSENT OPERATES

Sections 4.20 and 8.13 of the Environmental Planning and Assessment Act provides that the consent shall become effective and operate from the date endorsed upon the notice, **except** in the case of designated development to which objections have been lodged, when the consent shall become effective 28 days after the consent is issued.

Where an appeal is lodged, either by the applicant or an objector in respect of designated development, the consent shall remain in deferment and not become effective until the appeal has been determined. The consent shall be void if, on appeal, the development is refused.

COMPLIANCE

The development shall be carried out in accordance with the application, and “approved plans” as may be attached to this consent, and as amended by the foregoing conditions. **All conditions** shall be complied with prior to occupation of the development and, where appropriate, during the operating life of the development.

REVIEW OF DETERMINATION

Under the provisions of Sections 8.25 to 8.5 of the Environmental Planning and Assessment Act 1979, an applicant may request the Panel to review a determination of the application. The request for a review must be made within six (6) months after the date of the determination.

RIGHT OF APPEAL

If you are dissatisfied with this decision, Sections 8.7 and 8.10 of the Environmental Planning and Assessment Act 1979 gives you the right of appeal to the Land and Environment Court within six (6) months after the date on which you receive this notice.

Where an appeal is made in the case of a designated development, each person who objected is required to be given notice of the appeal and will have the right to be heard at that hearing.

Except in the case of designated development, there is no provision within the Act for a third party (objector) to appeal against the consent issued by the Council.

LAPSING OF CONSENT

Section 4.53 of the Environmental Planning and Assessment Act provides that a development consent lapses five years after the date from which it operates. Therefore, this consent lapses five years from the date of operation of this consent UNLESS:

- building, engineering, or construction work relating to this development is commenced on the land within the period of operation of the consent, or
- if no such works are required, the use of the premises commences within the period of operation of the consent.

MODIFICATION OF CONSENTS

Under the provisions of Section 4.55 of the Environmental Planning and Assessment Act an applicant may apply to Council for modification of the consent.

NOTICE TO COMPLETE

Where development has been commenced, but the work not completed, Schedule 5 provides that the Council may issue an order requiring completion of the work within a specified time, being not less than twelve months.

For and on behalf of Richmond Valley Council.



per: Andy Edwards
**Manager Development
and Certification**

Encl.

NGH Pty Ltd

NSW • ACT • QLD • VIC

ABN 31 124 444 622 ACN 124 444 622

E: ngh@nghconsulting.com.au

GOLD COAST

2B 34 Tallebudgera Creek Road
Burleigh Heads QLD 4220

T. (07) 3129 7633

SYDNEY REGION

Unit 17, 21 Mary Street
Surry Hills NSW 2010

T. (02) 8202 8333

BEGA

Suite 11, 89-91 Auckland Street
(PO Box 470)

Bega NSW 2550

T. (02) 6492 8333

MELBOURNE

Level 14, 10-16 Queen Street
Melbourne VIC 3000

T: (03) 7031 9123

TOWNSVILLE

Level 4, 67-75 Denham Street
Townsville QLD 4810

T. (07) 4410 9000

BRISBANE

T3, Level 7, 348 Edward Street
Brisbane QLD 4000

T. (07) 3129 7633

NEWCASTLE - HUNTER & NORTH COAST

Level 1, 31-33 Beaumont Street
Hamilton NSW 2303

T. (02) 4929 2301

WAGGA WAGGA - RIVERINA & WESTERN NSW

35 Kincaid Street (PO Box 5464)
Wagga Wagga NSW 2650

T. (02) 6971 9696

CANBERRA

Unit 8, 27 Yallourn Street
(PO Box 62)

Fyshwick ACT 2609

T. (02) 6280 5053

SUNSHINE COAST

Building 1, 30 Chancellor Village Boulevard
Sippy Downs QLD 4556

T: 13 54 93

WODONGA

Unit 2, 83 Hume Street
(PO Box 506)

Wodonga VIC 3690

T. (02) 6067 2533