

**Independent Environmental Audit:  
Roberts Road Maroota Sand Quarry  
Development Consent DA 267-11-99 Mod 4**



|                         |                                    |
|-------------------------|------------------------------------|
| Audit Organisation:     | Hodgson Quarries and Plant Pty Ltd |
| Auditors:               | James Hart                         |
| Date of Audit:          | 28 March 2023                      |
| Draft Report Submitted: | 11 April 2023                      |
| Final Report Submitted: | 5 May 2023                         |

## Independent Audit Declaration Form

Project Name: Roberts Road Maroota Sand Quarry  
Consent Number: DA 267-11-99  
Description of Project: Sand Quarry  
Project Address: Roberts Road Maroota, New South Wales  
Proponent: Hodgson Quarries and Plant Pty Ltd  
Date: 5 May 2023

I declare that:

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

Notes:

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

Name of Auditor: James Hart  
Signature:   
Qualification: Lead Environmental Auditor – Exemplar Global Certificate No. 12105  
Company: James Hart Consulting

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**Abbreviations**

|          |                                                   |
|----------|---------------------------------------------------|
| AQMP     | Air Quality Management Plan                       |
| AS       | Australian Standard                               |
| CEMP     | Construction Environmental Management plan        |
| DA       | Development Approval                              |
| DDG      | Deposition Dust Gauge                             |
| DPE      | Department of Planning and Environment            |
| EIS      | Environmental Impact Statement                    |
| EMS      | Environmental Management Strategy                 |
| EPA      | Environment Protection Authority                  |
| EP&A Act | Environmental Planning and Assessment Act 1979    |
| EPL      | Environment Protection Licence                    |
| FFMP     | Flora and Fauna Management Plan                   |
| GMP      | Groundwater Management Plan                       |
| LRMP     | Landscape and Rehabilitation Management Plan      |
| MEG      | Mining, Exploration and Geosciences               |
| OEMP     | Operational Environmental Management plan         |
| ORNMP    | Operational and Road Management Plan              |
| PIRMP    | Pollution Incident Response Management Plan       |
| POEO Act | Protection of the Environment Operations Act 1997 |
| SWMP     | Surface Water Management Plan                     |
| TMP      | Traffic Management Plan                           |
| TSP      | Total Suspended Particulates                      |
| TSS      | Total Suspended Solids                            |
| WAL      | Water Access Licence                              |



# 1. INTRODUCTION

## 1.1. Overview

The Roberts Road Maroota Sand Quarry is operated by Hodgson Quarries and Plant Hire Pty Ltd (Hodgson Quarries). The Quarry extracts material from the Maroota Sand geological formation and is situated on the Hornsby Plateau, northwest of Sydney. The Quarry has been in operation since the 1990’s supplying sand to the building and construction industry.

DA267-11-99-PA-1 was originally lodged with the then Department of Urban Affairs and Planning (DUAP) and determined in 2000. Since the original approval was granted, 4 modifications (MOD) have been approved for the Quarry.

Details of the MODs are:

- Modification 1: Approved 29 November 2000 seeking approval to amend the method of extraction and to construct an acoustic bund wall.
- Modification 2: Approved 18 March 2016 seeking approval to amend the dam construction process from two stages to three stages, modify the sequence and process of extraction and extend the life of extraction until 2025.
- Modification 3: Approved 18 August 2015 seeking approval to extend the life of operations for 1 year.
- Modification 4: Approved on 13 August 2021 providing approval to import VENM/ENM, increase daily truck movements to 140 per day, and extend the quarry life to 2030.

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

## 1.1 Project Details

| Project Name               | Roberts Road Maroota Sand Quarry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Application Number | DA 267-11-99 Mod 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Project Address            | Roberts Road Maroota, New South Wales.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Project Phase              | Operational.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Project Description        | <p>The Quarry extracts material from the Maroota Sand geological formation and is situated on the Hornsby Plateau, northwest of Sydney. The Quarry has been in operation since the 1990’s supplying sand to the building and construction industry.</p> <p>The site has approval to extract sand and gravels at the rate of 50 laden trucks per day and a maximum of 10 laden truck movements per hour.</p> <p>Extraction of the sand is contingent upon a water supply dam in order to wash the clay from the material won. The material is loaded onto a belt feeder which introduces the sand into a mixing tank. An electric pump at the water storage dam pumps water to the mixing tank via a pipeline. The sand slurry is drawn out of the mixing tank by a slurry pump and pumped to the processing plant. The processing plant washes and screens material, using water primarily from the existing water supply dam adjacent to the northern boundary (Process Dam 1). After washing and screening, material is stockpiled adjacent to the plant area prior to transportation off-site by truck. Trucks are loaded using a front-end-loader. Washing and screening results in a residual clay/silt slurry which is piped to designated drying areas in a previously extracted cell where it is spread in thin layers to dry. Liberated water is drained to the water dam for re-use in the processing plant.</p> |

## 1.2. Audit Team

The audit was conducted by the following:

| Auditor    | Role         | Qualifications                                                                                                                  |
|------------|--------------|---------------------------------------------------------------------------------------------------------------------------------|
| James Hart | Lead Auditor | Lead Environmental Auditor<br>Exemplar Global No 12105<br>Newcastle University, Graduate Diploma in Environmental Science, 1997 |

The independent audit declaration form is attached as Appendix C.

## 1.3. Audit Objectives

The objective of this audit was to undertake the independent environmental audit of the project in compliance with the Development Consent DA 267-11-99 Mod 4 to assess compliance with the conditions of consent, environmental protection licence, water access licence, Statement of Commitments and relevant management plans. The audit is to be conducted with consideration of the Department of Planning Industry and Environment Independent Audit Post Approval Requirements June 2020 (DPAR 2020).

## 1.4. Audit Scope

The scope of this audit comprised of the following:

- Consultation with stakeholders to obtain their input into the scope of the audit;
- Review of compliance against Development Consent DA 267-11-99 Mod 4;
- Review of requirements of EPL 6535;
- Review of requirements of Water Access Licence 24163;
- Review of implementation of the following management plans:
  - Environmental Management Strategy for the Sand Quarry, Roberts Rd Maroota, NSW, R3, 26/07/2018;
  - Air Quality Management Plan for the Sand Quarry, Roberts Rd Maroota, NSW, VGT Pty Ltd, R4, 7/11/2016;
  - Surface Water Management Plan for Roberts Road Maroota Sand Quarry DA 267-11-99, 9853\_HMA\_EMP\_SWMP\_2020\_F1, 19/05/2022;
  - Operational and Road Noise Management Plan, MAC160257NMPV02, Final 17/11/2016;
  - Landscape and Rehabilitation Plan for the Sand Quarry, Roberts Rd Maroota, NSW, 5072 RP R2, 16/03/2018;
  - Operational Traffic Management Plan Roberts Road Quarry Maroota 22nd November 2022.
  - B Flora and Fauna Management Plan for the Sand Quarry, Roberts Rd Maroota, NSW, 2801\_FFMP\_R2, 22/11/2016.
- the performance of the operation;
- results from previous audits;
- any incidents or community complaints;
- Site inspection of the development area.

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

## 1.5. Audit Period

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

# 2. Methodology

## 2.1. Approval of Auditors

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

## 2.2. Audit scope development

The audit scope and a checklist was developed based on the Development Consent DA 267-11-99 Mod 4, requirements of Environment Protection License (EPL) 6535, requirements of Water Access License 24163 and feedback from agencies consulted.

## 2.3. Audit Process

The audit commenced with an Opening Meeting to confirm the scope, purpose, and timeline of the audit. The Opening Meeting was held at 08.30am on 28 March 2023.

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

The audit activities included the following:

- A site walk to review implementation of mitigation measures and environmental controls on 28 March 2023 accompanied by the Quarry Manager, Quarry Compliance Manager and Lisa Thomson (Consultant);
- Desktop review of the project documentation (OEMP and its sub-plans) to verify compliance with the Project Approval, EPL and WAL requirements;
- Review of available records on the project website and records provided during the site audit and records provided subsequently as evidence of compliance; and
- Submission of draft report to Hodgson Quarries for review prior to finalisation of report and submission to DPE.

A closing meeting was held at 3.30pm on 28 March 2023 where the preliminary audit findings were presented. Where aspects of the audit remained unresolved, Hodgson Quarries was requested to provide additional information. This information was provided on between the 28/03/2023 and 3/04/2023. A response from DPIE-Water to the consultation request was received on 4/04/2023, while a response from DPE was received on 3/04/2023. As such, the 4/04/2023 is considered the audit completion date as referenced in Schedule 2 Condition 71.

## 2.4. Interviewed Persons

Name and position of persons interviewed:

| Name           | Organisation                            | Position           |
|----------------|-----------------------------------------|--------------------|
| Martin Hodgson | Hodgson Quarries and Plant Hire Pty Ltd | Quarry Manager     |
| Stuart Reed    | Hodgson Quarries and Plant Hire Pty Ltd | Compliance Manager |
| Lisa Thomson   | VGT Pty Ltd                             | Consultant         |

## 2.5. Details of Site Inspection

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

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

## 2.6. Agency and Community Consultation

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

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



| Contact                                                           | Agency                                                            | Comments                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Email to 'compliance@planning.nsw.gov.au'                         | Department of Planning and Environment                            | No Response                                                                                                                                                                                                                                                                                                                                                                      |
| DPIE Water Enquiries Mailbox <water.enquiries@dpie.nsw.gov.au >   | Department of Planning and Environment - Water                    | No response                                                                                                                                                                                                                                                                                                                                                                      |
| Daniel Giffney<br>Coordinator - Environmental Health              | The Hills Shire Council                                           | I can advise that I have not received any complaints regarding the quarry and I am not aware of any issues.                                                                                                                                                                                                                                                                      |
| Kristine McKenzie<br>Principal Coordinator Development Assessment | The Hills Shire Council                                           | The main issue I would raise is the provision and maintenance of bunding and landscape screening around the site and resultant visual impact from external properties. This is a matter I have raised previously with the Department of Planning and also in the previous site audit (undertaken June 2020). I would request that this matter be reviewed as part of your audit. |
| Environment Line <info@environment.nsw.gov.au>                    | Department of Planning and Environment – Environment and Heritage | No Response                                                                                                                                                                                                                                                                                                                                                                      |
| info@epa.nsw.gov.au                                               | NSW Environment Protection Authority                              | No Response                                                                                                                                                                                                                                                                                                                                                                      |

Issues raised during the agency consultation process were considered in development of the audit checklist and checked and reviewed during the site inspection and review of records.

## 2.7. Audit Compliance Status Descriptors

|                      |                                                                                                                                                                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compliant</b>     | 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.                                                                    |
| <b>Not Compliant</b> | 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.                                                                             |
| <b>Not triggered</b> | A requirement has an activation or timing trigger that has not been met during the temporal scope of the audit being undertaken (may be a retrospective or future requirement), therefore an assessment of compliance is not relevant. |

## 2.8. Approvals and Documents Audited

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

- Project Approval 267-11-99 Mod 4.
- Environment Protection Licence 6535.
- Water Access Licence 24163.
- Environmental Management Strategy for the Sand Quarry, Roberts Rd Maroota, NSW, R3, 26/07/2018;
- Air Quality Management Plan for the Sand Quarry, Roberts Rd Maroota, NSW, VGT Pty Ltd, R4, 7/11/2016;
- Surface Water Management Plan for Roberts Road Maroota Sand Quarry DA 267-11-99, 9853\_HMA\_EMP\_SWMP\_2020\_F1, 19/05/2022;
- Operational and Road Noise Management Plan, MAC160257NMPV02, Final 17/11/2016;
- Landscape and Rehabilitation Plan for the Sand Quarry, Roberts Rd Maroota, NSW, 5072 RP R2, 16/03/2018;
- Operational Traffic Management Plan Roberts Road Quarry Maroota 22nd November 2022.

- B Flora and Fauna Management Plan for the Sand Quarry, Roberts Rd Maroota, NSW, 2801\_FFMP\_R2, 22/11/2016.
- Independent Environmental Audit, Maroota Sand Quarry, DA 267-11-99-PA-1 RPS Group 5 August 2020.
- Hodgsons Roberts Rd Sand Quarry Response to 2020 Audit Recommendations .
- Hodgsons Quarries Complaints Register January 2011 to February 2023.
- Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2020.
- Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2021.
- Annual Biodiversity Monitoring Report 2020 Prepared for Hodgson Quarries and Plant Pty Ltd, South East Environmental, November 2020 V.1.
- Annual Biodiversity Monitoring Report 2021 Prepared for Hodgson Quarries and Plant Pty Ltd, South East Environmental, October 2021 V.1.
- Annual Biodiversity Monitoring Report 2022 Prepared for Hodgson Quarries and Plant Pty Ltd, South East Environmental, October 2022 V.1.
- Sound Power Testing Hodgson Quarries and Plant Pty Ltd, Maroota, NSW, MAC160257LR1, Muller Acoustic Consulting Pty Ltd, 4 June 2018.
- Noise Monitoring Assessment Hodgson Quarries and Plant Pty Ltd, MAC160257RP5V1, Muller Acoustic Consulting Pty Ltd, December 2020.
- Noise Monitoring Assessment Hodgson Quarries and Plant Pty Ltd, MAC160257RP6, Muller Acoustic Consulting Pty Ltd, October 2021.
- Noise Monitoring Assessment Hodgson Quarries and Plant Pty Ltd, MAC160257RP7V1, Muller Acoustic Consulting Pty Ltd, October 2022.
- Air Quality Monitoring Results 3 March 2021 to 1 February 2023.
- Dust Monitoring Results 11 January 2021 to 26 December 2021
- Dust Monitoring Results 11 January 2021 to 26 December 2021.
- Depositional Dust Trends, 2017 to 2021.
- Monthly Groundwater and Climate Summary 9th January 2023 – 1st February 2023 for Hodgson Quarries and Plant Pty Ltd Sand Quarry, Roberts Road, Maroota, NSW, VGT Pty Ltd, 7/02/2023.
- Water Monitoring Results 27/07/2017 to 3/04/2020.

### 2.9. Issues to be considered in reviewing this report

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

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

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

## 3. AUDIT FINDINGS

### 3.1. Overview

Specific activities being undertaken at the time of audit were:

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

The attached checklists record the outcomes of the audit process.

|            | Requirements | Findings           |
|------------|--------------|--------------------|
| Schedule 2 | 80           | Compliant – 60     |
|            |              | Non-Compliant – 12 |
|            |              | Not Triggered – 8  |
| EPL 6535   | 35           | Compliant – 25     |
|            |              | Non-Compliant – 2  |
|            |              | Not Triggered – 8  |
| WAL 24163  | 10           | Compliant – 7      |
|            |              | Non-Compliant – 0  |
|            |              | Not Triggered – 3  |

### 3.2. Assessment of Compliance

Overall, the project had implemented processes to generally manage compliance with the of Project Approval 267-11-99 Mod 4, EPL 6535 and WAL 24163.

The attached checklists record the outcomes of the audit process. Thirteen (13) non-compliances have been raised where compliance with the conditions of consent, EPL, WAL or management plans could not be verified.

#### 3.2.1. Air Quality

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

Controls had been implemented to minimise the impact of the project on air quality. Areas of the site not affected by quarrying operations were generally covered with grass and stabilised. The quarry, including stockpiles is located within the quarry void which reduces the impact of wind on dust generation and dispersal. Irrigation sprays had been installed on the conveyors to minimise dust generation, and a water cart used for dust suppression within the quarry.

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

An exceedance of the PM2.5 criteria had been recorded in 2021. The cause of the exceedance was identified as a local grassfire. As such, this recorded exceedance was not considered a non-compliance.

Exceedance of the annual average depositional dust criteria occurred at one dust gauge (D1) following two high monthly results in December 2021 and April 2022. An investigation undertaken by the Quarry determined that the cause of the two high deposited dust results was due to sand contamination resulting from work activities adjacent to the gauge (earthworks in November 2021, slashing in 2022). Results since April 2022 have been consistently low, with the annual average falling below the site criteria in November 2022.

#### 3.2.2. Noise Management

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

Annual noise monitoring has been undertaken, with results consistently showing that the site is in compliance with noise criteria. No complaints have been received in relation to noise.

#### 3.2.3. Traffic Management

A Traffic Management Plan (TMP), incorporating a Drivers Code of Conduct, had been developed and approved for the management of site traffic.

The TMP incorporated approved transport routes for vehicles entering and exiting the site and parking areas.

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

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

### 3.2.4. Surface Water Management

A Surface Water Management Plan (9853\_HMA\_EMP\_SWMP\_2020\_F1 dated 19/05/2022) had been developed and approved for the project. The SWMP had been verified as compliant with the conditions of approval.

The quarry water management system has been designed to collect all runoff from the extraction area and direct it to a series of dams. The water collected on site is used for processing, dust suppression and rehabilitation works. No water discharges had occurred from the site.

Water quality monitoring had been conducted on a quarterly basis to assess monitor water levels and quality in the process water dam. Water depth monitoring shows that dams are above the level of the groundwater. It was noted that pH of surface water was low, which has been attributed to the naturally low pH of groundwater used and the low buffering capacity of the surface water.

The SWMP includes requirements for monitoring of soil erosion, sediment and water management structures before and after rainfall. However, no records were available to verify that inspections had been conducted. **Refer NC-02.**

### 3.2.5. Groundwater Management

A Groundwater Management Plan (GWMP), including a groundwater monitoring program had been prepared and implemented for the development. The monitoring program required 9 bores to be monitored to assess the site impact on water depth and quality in the Maroota sands and Hawkesbury sandstone aquifers.

Groundwater depth is continuously monitored using automatic piezometers. Results of groundwater depth monitoring show that the Quarry depth of extraction has consistently been higher than the Wet Weather High Groundwater level.

Groundwater quality monitoring is conducted annually to assess any impact from quarry operations on groundwater quality. No adverse impacts on groundwater quality have been identified.

Reporting on groundwater management was included in the Annual reviews. However, six monthly reporting on results of the Groundwater Monitoring Program has not been provided as required by Condition 44. **Refer NC-03.**

### 3.2.6. Waste Management

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

During the site inspection, it was found that oil drums had been stored in unbunded locations. In addition, used tyres and spare parts for equipment on site had been stored in various locations on site. One non-compliance (**Refer NC-13**) was raised in relation to storage of oil and chemical containers and storage of waste on site.

Two recommendations were provided in relation to waste management:

- Consider reducing the volume of oil and grease to levels which can be stored within the existing bunded areas;
- Metal parts stored in various locations on site should be sorted and stored in a single location in a neat and tidy manner.

### 3.2.7. Rehabilitation

A Landscape and Rehabilitation Management Plan (LRMP) had been developed for the project, which had been submitted to and approved by DPE in August 2018. It was noted that the LRMP had not been updated following the approval of Project Approval 267-11-99 Mod 4. **Refer NC-08.**

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

Rehabilitation works completed included planting of shrub species and continued weed management. Low shrubs were planted along the boundary with the Old Northern Road in October/November 2020 to replace trees removed by the energy company as part of their maintenance program. During the site inspection, it was noted that shrubs were growing well.

Records were sighted to verify that weed inspections had been conducted monthly and weed spraying conducted where required. During the site inspection, one lantana bush and one blackberry vine was sighted.

A rehabilitation bond had been previously calculated in 2018. Following correspondence between DPE and Hodgson Quarries, VGT were approved to prepare the Conservation and Rehabilitation Bond in November 2021. However, the Conservation and Rehabilitation Bond had not been lodged with DPE. **Refer NC-06.**

### 3.3. Previous Audit Findings

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

### 3.4. Notices, Incidents and Penalty Notices

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

An exceedance of site PM2.5 dust criteria occurred in September 2021 as a result of a local grassfire. The exceedance was not reported to DPE in accordance with Condition 68. **Refer NC-09.**

### 3.5. Complaints

A Complaints Register is available where information regarding complaints was recorded. The Register was published on the company website. No complaints had been received by the project since January 2011.

### 3.6. Audit Site Inspection

The site inspection was conducted on 28 March by the Lead Auditor James Hart accompanied by Martin Hodgson, Stuart Reed and Lisa Thomson and Peter Jamieson. Specific activities being undertaken at the time of audit were:

- Operation of quarry earthmoving equipment, including front end loader;
- Loading of trucks for dispatch.

The site environmental controls and mitigation measures were verified including:

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

One issue was identified during the site inspection:

- Some Oil and chemical containers were not stored within bunded areas.
- Waste material was stored in various areas on site;
- Spare parts for use on site were stored in various areas on site;
- Some weed species (lantana and blackberry) were sighted in the north-eastern corner of the site.

### 3.7. Suitability of Plans and the EMS

Management plans for the project have been developed and approved. However, the management plans have not been reviewed and where required updated and submitted to DPE for approval within the timeframe as per the approval conditions. **(refer NC-08).**

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



3.8. Additional Matters Raised During Consultation

| Agency                                             | Issue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Finding                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Hills Shire Council                            | The main issue I would raise is the provision and maintenance of bunding and landscape screening around the site and resultant visual impact from external properties. This is a matter I have raised previously with the Department of Planning and also in the previous site audit (undertaken June 2020). I would request that this matter be reviewed as part of your audit.                                                                                                                                                                                                                                                                                                                                        | Bunding has been provided in accordance with the development approval conditions.<br>Grevilleas and Bottlebrushes had been planted on the northern boundary of the site.<br>Shrubs had been planted along the Old Northern Road boundary in October/ November 2020 which were noted to be growing well.<br>Monthly inspections and regular weed managed had been undertaken. |
| Maria Divis Department of Planning and Environment | The Department would like for the IEA to provide an assessment of the environmental performance of the project, with a focus on weed management and rehabilitation. Please review the requirements of the Consent, Environmental Management Plans, Sub-Plans and EIS; and assess the project’s performance in this area, providing an analysis of the results in relation to the referenced documents. This detail is to be provided in addition to the IEA requirements outlined in the Conditions of Consent and IAPARs.                                                                                                                                                                                              | Annual biodiversity Monitoring conducted by South East Environmental.<br>Records were sighted to verify monthly monitoring and weed control have been undertaken.<br>Refer to Section 3.2.7 and Appendix C for further information on rehabilitation and weed management.                                                                                                    |
| Department of Planning and Environment- Water      | The department requests that the audit address compliance with the following specific elements of the consent conditions and related legislative requirements in a manner consistent with the above audit scope:<br>• The requirement to prepare and implement management plans that relate to water sources and their dependent ecosystems and users, and associated impact management and mitigation. These plans may include:<br>o Water Management Plans and related sub-plans e.g. Site Water Balance, Erosion and Sediment Control Plan, Stormwater Management Plan, Surface and Groundwater Management Plan.<br>o Extraction Plans and related sub-plans e.g. Water Management Plan, Subsidence Management Plan. | The following plans have been prepared as required by the conditions of consent: Surface Water Management Plan; Groundwater Management Plan; Groundwater Monitoring Program.                                                                                                                                                                                                 |
|                                                    | The requirement to prepare and implement trigger action response plans for water source impacts which set clearly defined limits and actions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SWMP - 4.8 Design Objectives and Performance Criteria and Response Plan<br>GWMP Section 5.                                                                                                                                                                                                                                                                                   |

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|  |                                                                                                                                                                                                                         |                                                                                                                               |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | This is to be reported on within annual and exceedance based reporting.                                                                                                                                                 | Reporting on water management is included in Section 6.4 and 6.5 of the Annual Reviews.<br>No exceedances have been recorded. |
|  | Water supply availability is clearly defined for the project                                                                                                                                                            | SWMP Section 3.2 Sources and Security of Water Supply.                                                                        |
|  | Water take at the site via storage, diversion, interception or extraction is clearly documented and is authorised by a relevant Water Access Licence or exemption under the Water Management (General) Regulation 2018. | Water Access Licence 24163 obtained. Water sources are identified in Section 3 of the SWMP.                                   |
|  | Water metering at the site is in accordance with the NSW Non-Urban Metering Framework where relevant.                                                                                                                   | Pumping records are maintained and reported in the Annual Review.                                                             |
|  | Water Access Licence/s used to account for water take by the project nominates the work where the water is being taken from.                                                                                            | Water Access Licence 24163 obtained. Records of water take included in the Annual Review.                                     |
|  | Annual reporting clearly documents; 1) water take, use and water source impacts, 2) compares results with previous year's, and 3) identifies exceedances and how these are managed/mitigated.                           | Included in the Annual Review.                                                                                                |

## 3.9. Key Strengths

Overall, the project environmental performance in compliance with of Project Approval 267-11-99 Mod 4 was satisfactorily met with the following key strengths noted:

- Quarrying operations had been conducted effectively with no complaints received.
- Implementation of environmental control, including:
  - erosion and sedimentation controls;
  - water management;
  - Noise management.

## 1.2 Audit Findings and Recommendation

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

**3.10. Areas of Non-compliance**

| Issue No. | Condition                  | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Issue sighted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Recommendation                                                                                                                                                         |
|-----------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NC-01     | Schedule 2<br>Condition 2  | The Proponent, in acting on this approval, must carry out the project in accordance with:<br>(a) the conditions of this approval; and<br>(b) all written directions of the Secretary                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Non-compliances have been identified with conditions of consent, triggering a non-compliance with this condition.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | It is recommended that all non-compliances identified are addressed and closed out. Consider implementing a process to track compliance requirements and status.       |
| NC-02     | Schedule 2<br>Condition 42 | The Applicant shall prepare a Water Management Plan for the development to the satisfaction of the Secretary. This plan must be prepared in consultation with DPIE Water by suitably qualified and experienced person/s whose appointment has been approved by the Secretary, and be submitted to the Secretary for approval by 31 December 2016. The plan must be updated on an annual basis in consultation with DPIE Water for three years from the date of approval of Modification 2 and thereafter as agreed with by the Secretary.<br><br>The Applicant shall implement the approved management plan as approved from time to time by the Secretary. | Surface Water Management Plan requires the following monitoring to be conducted:<br>•monitoring of the soil erosion, sediment and water is undertaken regularly and within 24 hours of expected rainfall and within 18 hours of a rainfall event of sufficient intensity and duration to cause runoff (approximately 70mm of rainfall over 5 days).<br>•Visual check of stability and operation of all banks, ponds, channels and spillways undertaken monthly.<br>•Visual inspection for evidence of tailgate discharge and/or sediment build-up at exit to site – Weekly<br>However, no records were available to verify that inspections had been conducted. | Documented records should be maintained to verify monitoring and inspections have been completed in accordance with the Surface Water Management Plan.                 |
| NC-03     | Schedule 2<br>Condition 44 | The results of the Groundwater Monitoring Program shall be reported to the Department and DPIE Water, using contour plans depicting the surface topography, updated contour maps of the wet weather high groundwater level of the regional aquifer and proposed depth of extraction for each extraction Phase.<br>Reporting is to occur on a six monthly basis for the duration of extractive operations, and throughout rehabilitation of the site, unless otherwise agreed with the Secretary.<br>The Applicant shall implement the Groundwater Monitoring Program as approved from time to time by the Secretary.                                        | Reporting on the Groundwater Monitoring Program not undertaken on a six monthly basis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A process should be implemented to ensure that the results of the Groundwater Monitoring Program are reported to the Department and DPIE Water on a six monthly basis. |

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| Issue No. | Condition                | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Issue sighted                                                                                                                                                                                                                                                                                                                                                                                                                   | Recommendation                                                                                                                                                                |
|-----------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NC-04     | Schedule 2 Condition 50A | <p>The Applicant must prepare a Traffic Management Plan that must:</p> <ul style="list-style-type: none"> <li>(a) be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Secretary;</li> <li>(b) be prepared in consultation with TfNSW and Council;</li> <li>(c) include a Drivers' Code of Conduct that contains procedures to ensure that drivers: <ul style="list-style-type: none"> <li>(i) adhere to posted speed limits or other required travelling speeds;</li> <li>(ii) adhere to designated transport routes;</li> <li>(iii) implement safe and quiet driving practices; and</li> <li>(iv) minimise potential conflict with school buses.</li> </ul> </li> <li>(d) describe the measures to be put in place to ensure compliance with the Drivers' Code of Conduct; and</li> <li>(e) propose measures to minimise the transmission of dust and tracking of material onto the surface of public roads from vehicles exiting the site.</li> </ul> <p>The Applicant must submit the Traffic Management Plan for the approval of the Secretary by the 31 October 2021, or as otherwise agreed by the Secretary. The Applicant must implement the Traffic Management Plan as approved.</p>                                                                                                                                                                                                                                                      | <p>Traffic Management plan requires formal observation of compliance of both the Drivers Code of Conduct and Covering of Loads at three monthly intervals to be undertaken to document any departures and identify any remedial actions with employees, heavy vehicle drivers or haulage companies that may be necessary as a result of these observations. No records of completion of formal observations were available.</p> | <p>Formal observation of compliance of both the Drivers Code of Conduct and Covering of Loads should be undertaken and documented at three monthly intervals.</p>             |
| NC-05     | Schedule 2 Condition 60  | <p>The Applicant shall prepare a Landscape and Rehabilitation Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <ul style="list-style-type: none"> <li>(a) be submitted to the Secretary for approval by 30 June 2017, unless otherwise agreed by the Secretary;</li> <li>(b) provide details of the conceptual final landform and associated land uses for the site;</li> <li>(c) describe the short, medium and long-term measures that would be implemented to ensure compliance with the rehabilitation objectives and progressive rehabilitation obligations in this consent;</li> <li>(d) include a detailed description of the measures that would be implemented over the next 3 years (to be updated for each 3 year period following the 3 years covered by the initial approval of the plan) including the procedures to be implemented for: <ul style="list-style-type: none"> <li>• maximising the salvage of environmental resources within the approved disturbance area for beneficial reuse;</li> <li>• protecting vegetation and fauna habitat outside the approved disturbance area on-site;</li> <li>• minimising the impacts on native fauna;</li> <li>• landscaping the site to minimise visual and lighting impacts;</li> <li>• reviewing improved pasture species and application rates;</li> <li>• controlling weeds and feral pests;</li> <li>• controlling erosion;</li> <li>• controlling access; and</li> </ul> </li> </ul> | <p>The Landscape and Rehabilitation Plan has not been updated each 3 year period, or following approval of DA 267-11-99 Mod 4.</p>                                                                                                                                                                                                                                                                                              | <p>A process should be implemented to ensure that the Landscape and Rehabilitation Plan is 3 yearly as required by 60(d) and following changes to conditions of approval.</p> |

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| Issue No. | Condition               | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Issue sighted                                                                                                                                                                                                                                                                                                                                           | Recommendation                                                                                         |
|-----------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|           |                         | <ul style="list-style-type: none"> <li>• bushfire management;</li> <li>(e) include a program to monitor and report on the effectiveness of these measures, and progress against the performance and completion criteria;</li> <li>(f) include a mass balance calculation to ensure that appropriate volumes of material are available to implement the final landform as described in this plan;</li> <li>(g) provide for the construction and maintenance of the process water dam in accordance with the approved design and construction criteria (see Condition 42(b));</li> <li>(h) identify the potential risks to the successful rehabilitation of the site, and include a description of the contingency measures that would be implemented to mitigate these risks; and</li> <li>(i) include details of who would be responsible for monitoring, reviewing, and implementing the plan.</li> </ul> <p>The Applicant shall implement the management plan as approved from time to time by the Secretary</p>                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                         |                                                                                                        |
| NC-06     | Schedule 2 Condition 61 | <p>By 31 December 2017, the Applicant shall lodge a Conservation and Rehabilitation Bond with the Department to ensure that the management of biodiversity and the rehabilitation of the site are implemented in accordance with the performance and completion criteria set out in the Flora and Fauna Management Plan and Landscape and Rehabilitation Plan. The sum of the bond shall be determined by:</p> <ul style="list-style-type: none"> <li>(a) calculating the cost of rehabilitating the site taking into account the likely surface disturbance over the following 3 years of quarrying operations; and</li> <li>(b) employing a suitably qualified quantity surveyor or other expert to verify the calculated costs, to the satisfaction of the Secretary.</li> </ul> <p>Note: If the rehabilitation of the site is completed to the satisfaction of the Secretary, then the Secretary will release the bond. If the rehabilitation of the site is not completed to the satisfaction of the Secretary, then the Secretary will call in all or part of the bond, and arrange for the completion of the relevant works.</p> | A Conservation and Rehabilitation Bond has not been lodged with the Department.                                                                                                                                                                                                                                                                         | The Conservation and Rehabilitation Bond should be finalised and lodged to DPE                         |
| NC-07     | Schedule 2 Condition 64 | <p>The Applicant shall assess and manage development-related risks to ensure that there are no exceedances of the criteria and/or performance measures in this Consent. Any exceedance of these criteria and/or performance measures constitutes a breach of this Consent and may be subject to penalty or offence provisions under the EP&amp;A Act or EP&amp;A Regulation.</p> <p>Where any exceedance of these criteria and/or performance measures has occurred, the Applicant must, at the earliest opportunity:</p> <ul style="list-style-type: none"> <li>(a) take all reasonable and feasible steps to ensure that the exceedance ceases and does not recur;</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>Exceedance of PM2.5 criteria in October 2021 a result of local bushfire.</p> <p>Exceedance of Dust deposition criteria in 2022. Exceedance was found to be the result of contamination of the ample with sand as a result of maintenance activities in the near vicinity of the dust gauge, and not the result of dust generated by the project.</p> | Neither exceedance was the result of dust generation by quarry activities. No further action required. |



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| Issue No. | Condition                   | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Issue sighted                                                                                                                                                                     | Recommendation                                                                                                                                                                                                                                                                                                                                               |
|-----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                             | (b) consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any preferred remediation measures or other course of action; and<br>(c) implement remediation measures as directed by the Secretary, to the satisfaction of the Secretary.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Both exceedances were reported to DPE with no further action required.                                                                                                            |                                                                                                                                                                                                                                                                                                                                                              |
| NC-08     | Schedule 2<br>Condition 67  | <p>Within 3 months of the submission of:</p> <p>(a) an annual review under Condition 66 above;</p> <p>(b) an incident report under Condition 68 below;</p> <p>(c) an audit report under Condition 70 below; or</p> <p>(d) any modification to the conditions of this Consent (unless the conditions require otherwise), the Applicant shall review, and if necessary revise, the strategies, plans, and programs required under this Consent to the satisfaction of the Secretary.</p> <p>Where this review leads to revisions in any such document, then within 4 weeks of the review, unless the Secretary agrees otherwise, the revised document must be submitted to the Secretary for approval.</p> <p>Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the development.</p> |                                                                                                                                                                                   | Hodgson Quarries should ensure that a process is implemented to review, and if required update, the strategies, plans, and programs required under this Consent in accordance with Condition 66. The outcomes of the review should be submitted to the Secretary for approval.                                                                               |
| NC-09     | Schedule 2<br>Condition 68  | 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 via the Major Projects Website and identify the development (including the development application number and name) and set out the location and nature of the incident.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | An exceedance of site PM2.5 dust criteria occurred in September 2021 as a result of a local grassfire.<br>The exceedance was not reported to DPE in accordance with Condition 68. | Hodgson Quarries should ensure that all incidents, including exceedances of site monitoring criteria, are reported to DPE in accordance with Condition 68.                                                                                                                                                                                                   |
| NC-10     | Schedule 2<br>Condition 68A | 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 via the Major Projects Website and identify the development (including the development application number and name), set out the condition of this consent that the development is non-compliant with, 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.                                                                                                                                                                                                                                                                                                                                                                      | Non-compliances identified in the 2021 Annual Review had not been submitted.                                                                                                      | All non-compliances should be notified to DPE be in writing via the Major Projects Website and identify the development (including the development application number and name), set out the condition of this consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and |

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| Issue No. | Condition               | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Issue sighted                                                                                                                                                                                               | Recommendation                                                                                                                                                                                                                               |
|-----------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                             | what actions have been, or will be, undertaken to address the non-compliance.                                                                                                                                                                |
| NC-11     | Schedule 2 Condition 70 | <p>Every 3 years from the date of this consent and at the completion of works under this consent, unless the Secretary directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the development. This audit must:</p> <ul style="list-style-type: none"> <li>(a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;</li> <li>(b) include consultation with the relevant agencies;</li> <li>(c) assess the environmental performance of the development and assess whether it is complying with the requirements in this Consent and any relevant EPL (including any assessment, plan or program required under these approvals);</li> <li>(d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and</li> <li>(e) recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, plan or program required under the abovementioned approvals.</li> </ul> <p>Note: This audit team must be led by a suitably qualified auditor and include experts in any field specified by the Secretary.</p> | <p>Previous Independent Environmental Audit conducted 4 June 2020.<br/>Current audit commenced 28 March 2023.</p>                                                                                           | <p>Hodgson Quarries should ensure that audit are planned and undertaken within 3 years of the date of consent.</p>                                                                                                                           |
| NC-12     | EPL A3.1                | <p>Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence. In this condition the reference to "the licence application" includes a reference to:</p> <ul style="list-style-type: none"> <li>a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and</li> <li>b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>Non-compliances have been identified with the requirements of EPL 6535, which trigger a non-compliance with this condition.</p>                                                                          | <p>It is recommended that all non-compliances identified are addressed and closed out. Consider implementing a process to track compliance requirements and status.</p>                                                                      |
| NC-13     | EPL O1.1                | <p>Licensed activities must be carried out in a competent manner. This includes:</p> <ul style="list-style-type: none"> <li>a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and</li> <li>b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>During the current audit, it was found that oils and chemicals had been stored in unbanded locations.<br/>In addition, waste material, including used tyres was present in various locations on site</p> | <p>All chemical and hydrocarbon containers should be stored in a banded area.<br/>Waste material stored on site should be gathered and removed by the licenced contractor.<br/>Metal parts stored in various locations on site should be</p> |

| Issue No. | Condition | Requirement | Issue sighted | Recommendation                                                                                                                                                                |
|-----------|-----------|-------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |           |             |               | sorted and stored in a single location in a neat and tidy manner. Consider reducing the quantity of containers on site to enable storage within the existing bunded facility. |

### 3.11. Opportunities for Improvement

Two opportunities for improvement was identified as a result of the audit.

- Consider reducing the volume of oil and grease to levels which can be stored within the existing bunded areas;
- Metal parts stored in various locations on site should be sorted and stored in a single location in a neat and tidy manner.

**3.12. Areas of compliance**

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

## 4. CONCLUSIONS

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

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

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

### ATTACHMENTS

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

### CIRCULATION

- ✓ **Hodgson Quarries**
- ✓ **VGT Pty Ltd**



## 5. Substantive Changes.

No substantive changes were made to the draft audit report.

## **Appendix A. - Previous Audit Findings**

Previous Non-compliances

| Condition | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Issue sighted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hodgsons Response                                                                                                                                                                                                                                                                                                                                     | Current Status                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 2         | The Applicant shall:(a) carry out the development generally in accordance with the EIS, Modification 1, Modified                                                                                                                                                                                                                                                                                                                                                      | The development is generally being carried out in accordance with the EIS, Mod 1, Mod 2 and Mod 3, and with the conditions of development consent, however a number of non-compliances were identified.<br>Recommendations are provided against the specific conditions below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See individual Conditions                                                                                                                                                                                                                                                                                                                             | Further non-compliances were identified during the current audit.<br><b>Refer new non-conformance NC-01.</b>       |
| 28        | The Applicant shall take all practical steps to manage the development so that the ambient air quality goals for total suspended particles (TSP) of 90 µg/m³ (annual average), particulate matter (PM10) of 50 µg/m³ (24 hours average) and 30 µg/m³ (annual average) and the dust deposition goal of 4gm/m2 (annual average) are not exceeded as a result of the development, when measured at any monitoring location specified in the Air Quality Management Plan. | Air quality exceedances were noted for exceedance of 24 hour average PM10 criteria on 15 February 2018, 6 <sup>th</sup> March, 5 <sup>th</sup> April, 29 April, 19 November, and on 7, 19 and 31 <sup>st</sup> December 2019. Exceedances were also noted for 12 <sup>th</sup> , 18 <sup>th</sup> , 24 <sup>th</sup> and 30 <sup>th</sup> January 2020 and 5 <sup>th</sup> February 2020. 2018 - This exceedance was reported in the 2018 Annual Review and Compliance Report. There was no correspondence observed from the Department with respect to this result. 2019 - Exceedances for the months of November and December 2019 and for January 2020 were reported to the Department once results were available.<br>There was no correspondence available to indicate if there was any follow up required for these exceedances. The operator is to ensure correspondence is followed up with the relevant regulators and that this correspondence is appropriately filed and documented for compliance purposes. | The operator will ensure that all department correspondence is followed up and that copies of the follow up are filed and documented.                                                                                                                                                                                                                 | Records of correspondence with DPE and other agencies was readily available during the audit.<br><br><b>Closed</b> |
| 36(a)     | Operation of dust deposition gauges and monitoring must be carried out in accordance with;<br>(a) Australian Standard 3580.10. 01 (1991) Particulates – Deposited Matter – Gravimetric Method. Approved method AM-19 referred to in Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales, December 1999.                                                                                                                               | Note - location of Dust Gauge 2 is impeded by trees. The trees in this area are part of remnant vegetation and subsequently can't be disturbed. It is recommended that the location of dust gauge 2 is reviewed in light of the current constraints of this location, and current monitoring equipment in other locations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | The operator contacted the relevant neighbour in person on 21 <sup>st</sup> July 2020 regarding relocating the dust gauge onto their premises. They denied permission. There is no other suitable location that covers the relevant sensitive receptor, while remaining accessible to monitoring staff. The AS states "Sampling sites not meeting the | No further action required.<br><br><b>Closed</b>                                                                   |

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| Condition | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Issue sighted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Hodgsons Response                                                                                                                                                                | Current Status                                                                                                                                                                                                                                 |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | above criteria require a statement in the monitoring data report noting this". This statement will be included on all relevant reports and correspondence.                       |                                                                                                                                                                                                                                                |
| 42        | The Applicant shall prepare a Water Management Plan for the development to the satisfaction of the Secretary. This plan must be prepared in consultation with DPI-Water by suitably qualified and experienced person/s whose appointment has been approved by the Secretary, and be submitted to the Secretary for approval by 31 December 2016. The plan must be updated on an annual basis in consultation with DPI-Water for three years from the date of approval of Modification 2 and thereafter as agreed with by the Secretary. | The most current Water Management Plan is dated 20 March 2018. This was received and acknowledged by DPE. The Water Management Plan has not been subject to annual review in consultation with DPIE-W for the three years from the date of approval of Mod 2. The current version is dated 20 March 2018. The Water Management Plan should be updated in consultation with DPIE-W in order to meet this requirement, and then subject to ongoing review as agreed by the Secretary.                                                            | The Water Management Plan is to be updated by a suitably qualified and experienced person whose appointment has been approved by the Secretary, in consultation with the DPIE-W. | Water Management Plan Revision F2, dated June 2022 updated and submitted to DPE . Approved 28/06/2022. <b>Closed</b>                                                                                                                           |
| 45        | The Applicant must ensure that the Process Water Dam is designed and constructed in a manner that satisfies the design and construction criteria for the Process Water Dam as developed under the Surface Water Management Plan (see condition 42(b) above).                                                                                                                                                                                                                                                                            | Surface Water Management Plan has been revised to address this condition (refer Section 8 of the SWMP). This section contains conflicting recommendations with respect to the requirement to consult with the Dam Safety Committee and the requirement for assessment by a suitably qualified engineer (refer section 8.2). It is recommended that the SWMP is reviewed to detail and explain why the Dam Safety Committee and engineering sign-off is no longer relevant to the development.                                                  | The Water Management Plan is to be updated by a suitably qualified and experienced person whose appointment has been approved by DPE                                             | Water Management Plan Revision F2, dated June 2022 updated and submitted to DPE . Approved 28/06/2022. <b>Closed</b>                                                                                                                           |
| 54        | In construction of the bund walls at the corner of Roberts Road and Old Northern Road, the Applicant shall minimise disturbance to existing native vegetation.                                                                                                                                                                                                                                                                                                                                                                          | No additions to this bund wall observed. Vegetation established on these bunds has been removed by an Endeavour Energy contractor in 2015. No replanting has been undertaken to maintain vegetation and visual screening in this area. Planted vegetation on the bund walls at the corner of Roberts Road and the Old Northern Road was removed during the prior audit period. It is recommended that revegetation of these areas is carried out in consultation with the electricity utility to establish and maintain this visual screening. | Revegetation in consultation with the utility company is to be undertaken.                                                                                                       | Construction of the bund wall was completed in 2000. The 2022 Annual Diversity Monitoring Report identified that " native species which have been planted on a bund wall bordering Roberts Road and Old Northern Road are growing well. Almost |

# Independent Environmental Audit – Roberts Road Maroota Quarry

Commercial in Confidence

| Condition | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Issue sighted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Hodgsons Response                                                                                                                                                                                                                                                          | Current Status                                                                              |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                            | all of these species have reached reproductive maturity".<br><b>Closed</b>                  |
| 61        | <p>By 31 December 2017, the Applicant shall lodge a Conservation and Rehabilitation Bond with the Department to ensure that the management of biodiversity and the rehabilitation of the site are implemented in accordance with the performance and completion criteria set out in the Flora and Fauna Management Plan and Landscape and Rehabilitation Plan. The sum of the bond shall be determined by:</p> <p>(a) calculating the cost of rehabilitating the site taking into account the likely surface disturbance over the following 3 years of quarrying operations; and</p> <p>(b) employing a suitably qualified quantity surveyor or other expert to verify the calculated costs, to the satisfaction of the Secretary.</p> <p>Note: If the rehabilitation of the site is completed to the satisfaction of the Secretary, then the Secretary will release the bond. If the rehabilitation of the site is not completed to the satisfaction of the Secretary, then the Secretary will call in all or part of the bond, and arrange for the completion of the relevant works.</p> | <p>Advice from the DPIE was requested when the Landscape and Rehabilitation Plan was developed. This plan includes a proposed approach to the calculation of the rehabilitation bond, however this has not been finalised or lodged. The Landscape and Rehabilitation Plan includes a proposed approach, but this has not been determined, and consequently the bond has not been lodged. It is recommended that DPIE be formally followed up in writing (not email) again. If a response is not forthcoming, then the bond should be calculated and lodged by a suitably qualified rehabilitation consultant in accordance with the methodology previously presented to DPIE.</p> | <p>The department will be contacted in writing requesting approval of the bond calculation method and a procedure for lodgement. The operator will ensure that all department correspondence is followed up and that copies of the follow up are filed and documented.</p> | <p>Rehabilitation bond has not been lodged.<br/><b>Refer new non-conformance NC-06.</b></p> |
| 68        | <p>The Applicant shall immediately notify the Secretary and any other relevant agencies of any incident. Within 7 days of the date of the incident, the Applicant shall provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>Air quality exceedances were noted for exceedance of 24 hour average PM<sub>10</sub> criteria on 15 February 2018, 6 March, 5 April, 29 April, 19 November, and on 7, 19 and 31 December 2019. Exceedances were also noted for 12, 18, 24 and 30 January 2020 and 5 February 2020. 2018 – This exceedance was reported in the 2018 Annual Review and Compliance Report. There was no correspondence observed from the Department with respect to this result. 2019 - Exceedances for the months of November and December 2019 and for January 2020 were reported</p>                                                                                                            | <p>The operator will ensure that all department correspondence is followed up and that copies of the follow up are filed and documented.</p>                                                                                                                               |                                                                                             |

# Independent Environmental Audit – Roberts Road Maroota Quarry

Commercial in Confidence

| Condition | Requirement                                                                                                                                                                                                                                                                       | Issue sighted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hodgsons Response                                                                                                                                                           | Current Status                                                                                                                                                    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                                                                                                                                                                                                                                                                                   | to the Department once results were available. There was no correspondence available to indicate if there was any follow up required for these exceedances. The operator should ensure correspondence is followed up with the relevant regulators and that this correspondence is appropriately filed for compliance purposes.                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                             |                                                                                                                                                                   |
| O2.1      | All plant and equipment installed at the premises or used in connection with the licensed activity:<br>a) must be maintained in a proper and efficient condition; and<br>b) must be operated in a proper and efficient manner.                                                    | Site inspection identified that hydraulic oils were stored in the workshop area without secondary containment.<br>Approximately 13 x 200L drums of hydraulic oils were stored in the workshop. These drums were stored on standard timber pallets without any form of secondary containment. The workshop area is not bunded. While the storage of these materials is inside the workshop, and consequently low risk, due to the movement of these items by forklift, and the evidence of minor spills it is recommended that these drums should be stored on bunded pallets, or in an appropriately bunded area to mitigate this risk. | A roll-bund will be purchased and installed around the drums to prevent minor spills.                                                                                       | Roll bund installed.<br>During the current audit, it was found that oil drums were again stored in unbunded locations.<br><b>Refer new non-conformance NC-13.</b> |
| R1.5      | The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date'). | The EPA licence register was checked which showed that the 2020 Annual Return was lodged on 19 May 2020. The licence holder shall ensure that Annual Returns are prepared and lodged within the 60 day period for reporting.                                                                                                                                                                                                                                                                                                                                                                                                            | This was an error caused by intermittent internet access. The operator will allow more time prior to the lodgement date to ensure that the Annual Return is lodged on time. | All Annual Returns required to be submitted during the current audit period had been submitted within the required timeframe.<br><b>Closed</b>                    |



## **Appendix B. – Auditor Approval**



Department of Planning and Environment

Stuart Reed  
Hodgson Quarries and Plant Hire P/L  
PO Box 1778  
Gosford NSW 2250

10/02/2023

Dear Mr Reed

**Roberts Road Quarry (DA267-11-99)  
Independent Auditor Endorsement**

I refer to your request (DA267-11-99-PA-30) for the Planning Secretary to endorse the appointment of a suitably qualified and experienced expert to conduct an Independent Environmental Audit (IEA) for the Roberts Road Quarry development (the development) DA267-11-99, as modified (the consent).

The Department of Planning and Environment (the department) has reviewed the nomination and information you have provided and is satisfied that the nominated expert is suitably qualified and experienced.

Consequently, as nominee of the Secretary I endorse the appointment of the following auditor from James Hart Consulting:

- James Hart as lead auditor.

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

The Independent Audit must be prepared, undertaken and finalised in accordance with the Independent Audit Post Approval Requirements. Failure to meet these requirements will require revision and resubmission.

The department reserves the right to request an alternate auditor or audit team for future audits.

Notwithstanding the agreement for the above listed audit team for this Project, each respective project approval or consent requires a request for the agreement to the auditor or audit team be submitted to the department, 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.

Should you wish to discuss the matter further, please contact Maria Divis on 02 8275 1156 or [compliance@planning.nsw.gov.au](mailto:compliance@planning.nsw.gov.au).

Yours sincerely



Department of Planning and Environment

A handwritten signature in black ink, appearing to read "Julia Pope".

Julia Pope  
Team Leader Compliance - Metro  
Compliance

As nominee of the Planning Secretary

## **Appendix D. – Audit Tables**

6. Audit Checklist – Development Consent DA 267-11-99

| JHC Ref No                                            | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                   | Evidence                                                                                        | Finding and Recommendations                                                                                                                                                                                                                                                        | Compliance rating    | Issue #      |
|-------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------|
| <b>SCHEDULE 2 – ADMINISTRATIVE CONDITIONS</b>         |           |                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                 |                                                                                                                                                                                                                                                                                    |                      |              |
| <b>OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT</b> |           |                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                 |                                                                                                                                                                                                                                                                                    |                      |              |
| 1.                                                    | 1         | There is an obligation on the Applicant to prevent and minimise harm to the environment throughout the life of the project. This requires that all practicable measures are to be taken to prevent and minimise harm that may result from the construction, operation and, where relevant, the decommissioning of the development.                                          |                                                                                                 | Measures have been documented and implemented to manage the environmental impacts of the project.<br>No material harm has resulted for the operation of the project.                                                                                                               | Compliant            |              |
| <b>Adherence to Terms of DA and EIS</b>               |           |                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                 |                                                                                                                                                                                                                                                                                    |                      |              |
| 2.                                                    | 2         | The Applicant shall:<br>(a) carry out the development generally in accordance with the EIS, Modification 1, Modification 2, Modification 3 and Modification 4; and<br>(b) comply with the conditions of this consent.<br>If there is any inconsistency between the documents in Condition 2(a), the most recent documents shall prevail to the extent of the inconsistency. |                                                                                                 | Non-compliances have been identified with conditions of consent, triggering a non-compliance with this condition.                                                                                                                                                                  | <b>Not compliant</b> | <b>NC-01</b> |
| <b>COMPLIANCE</b>                                     |           |                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                 |                                                                                                                                                                                                                                                                                    |                      |              |
| 3.                                                    | 3         | The Applicant shall comply with all reasonable requirements of the Secretary in respect of the implementation of the Conditions of this Consent, within such time as the Secretary agrees. The Secretary may order the Applicant to cease work until non-compliance has been addressed to the Secretary's satisfaction.                                                     | Letter from DPIE 29/07/2021 - Roberts Road Sand Quarry (DA 267-11-99) REHABILITATION INSPECTION | DPE inspection conducted in June 2021 which resulted in four actions being raised to address issues identified on site.<br>As a result, waste was removed from site, with evidence provided to DPE on 24/08/2021.<br>Monthly weed management plan developed, with evidence of weed | Compliant            |              |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Evidence                                                                                                                                                                        | Finding and Recommendations                                                                                                                                                      | Compliance rating | Issue # |
|------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------|
|            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                 | management provided in the 2021 Annual Review.<br>Ongoing weed monitoring and management has occurred<br>No cease work orders have been issued.                                  |                   |         |
| 4.         | 4         | The Applicant shall ensure that all contractors and sub-contractors are aware of, and comply with, the Conditions of this Consent.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Site Induction - Environmental Induction Checklist                                                                                                                              | Site induction includes communication of controls for managing environmental impacts of the works.                                                                               | Compliant         |         |
| 5.         | 5         | The Applicant shall comply with all relevant conditions prescribed in Part 7 of the Environmental Planning and Assessment Regulation 1994, as required by Section 80A (11) of the Act                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                 | No new construction has been undertaken during the period covered by the current audit.                                                                                          | Not Triggered     |         |
| 6.         | 6         | The Applicant will submit a Conditions Compliance Report to the Secretary prior to the commencement of extraction in areas that are not currently subject to extraction. Subsequent reports will be submitted annually for the first three years of extraction in areas not currently subject to extraction. Further reports shall be submitted as required by the Secretary.<br>To enable ready comparison with the EIS's predictions, diagrams and tables, the Conditions Compliance Reports shall include, but not be limited to, the following matters:<br>a. a compliance audit of the performance of the project against conditions of Consent and statutory approvals;<br>b. a review of the effectiveness of the environmental management of the development;<br>c. the results of environmental monitoring required under this Consent or other approvals, including interpretations and discussion by a suitably qualified | Independent Environmental Audit Maroota Sand Quarry - DA 267-11-99-PA-1, 5/08/2020 RPS Australia East Pty Ltd<br>2020 Annual Review<br>2021 Annual Review<br>2022 Annual Review | Submission of annual compliance reports for the first 3 years of extraction was verified in the 2020 IEA.<br>Annual Reviews have been submitted in accordance with Condition 66. | Compliant         |         |



| JHC Ref No                | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Evidence        | Finding and Recommendations                                                                                                                                                                                                                                                     | Compliance rating | Issue # |
|---------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------|
|                           |           | <p>person;</p> <p>d. a listing of any variations obtained to approvals applicable to the DA since the last report;</p> <p>e. a record of all complaints and the actions taken to mitigate all such complaints;</p> <p>f. a report detailing the rehabilitation measures undertaken since the last report; and</p> <p>g. environmental management targets and strategies for stages of the development yet to be completed.</p>                                                                                                                                             |                 |                                                                                                                                                                                                                                                                                 |                   |         |
| 7.                        | 7         | <p>The Secretary may, after considering a Conditions Compliance Report, notify the Applicant of any reasonable requirements for compliance with this Consent. The Applicant shall comply with those requirements within such time as the Secretary may direct.</p> <p><i>Note: The Applicant is obliged to ensure that all statutory requirements, including all relevant legislation, Regulations, Australian Standards, Codes, Guidelines and Notices, Conditions and Directions of the Councils and relevant government agencies are met and approvals obtained</i></p> |                 | <p>Hodgson Quarries has updated project documentation to address comments from DPE.</p> <p>Water Access Licence and EPL obtained for works</p>                                                                                                                                  | Compliant         |         |
| <b>Limits on Approval</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                                                                                                                                                                                                                                                                                 |                   |         |
| 8.                        | 8         | <p>No extraction shall commence in areas that are not currently subject to extraction, until the Applicant has:</p> <p>a. constructed the bund walls at the corner of Roberts Road and Old Northern Road;</p> <p>b. submitted the Conditions Compliance Report required under Condition 6; and</p> <p>c. obtained all licences necessary for the commencement of extraction</p>                                                                                                                                                                                            | Site inspection | <p>a) Bund wall in place.</p> <p>b) Condition Compliance Reports have been submitted - refer condition 6 above.</p> <p>c) Water licences are in place for dams and extraction/monitoring bores and copies of these are kept on site. EPL and Development Consent are valid.</p> | Compliant         |         |
| 9.                        | 9         | <p>The duration of extraction under this Consent is until 31 May 2030. The Applicant shall ensure that rehabilitation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 | <p>Extraction is within the approved extraction period.</p>                                                                                                                                                                                                                     | Compliant         |         |

| JHC Ref No                   | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Evidence                                                                                                | Finding and Recommendations                                                                                                                            | Compliance rating | Issue # |
|------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------|
|                              |           | of all disturbed areas is completed within six months of completion of extraction.                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                         |                                                                                                                                                        |                   |         |
| 10.                          | 9A        | The Applicant must not:<br>a. process or dispatch more than 480,000 tonnes of quarrying products at the site in any calendar year;<br>b. receive more than 320,000 tonnes of VENM and ENM (in total) at the site in any calendar year;<br>c. import more than 3 million tonnes of VENM and ENM to the site; and<br>d. import VENM and ENM beyond 31 May 2030.                                                                                                   | Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2020 | 2020 – 56,894 Tonnes<br>2021 – 95988 Tonnes<br>2022 – 75,054 Tonnes<br><br>Nil VENM imported 2020, 2021.<br><br>2022 – 6099 Tonnes VENM imported.      | Compliant         |         |
| <b>Complaints Procedures</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                         |                                                                                                                                                        |                   |         |
| 11.                          | 10        | Prior to commencement of construction, the Applicant shall:<br>(a) publicise a telephone number on which complaints about the subject development can be registered during the hours of operation in Condition 16; and<br>(b) publicise a postal address where written complaints may be lodged.<br><br>The telephone number and postal address shall be displayed on the property where it can be read from a public road, for the duration of the development | Site inspection<br><a href="https://www.vgt.com.au/hodgsons">https://www.vgt.com.au/hodgsons</a>        | Telephone number is displayed on the front gate.<br>b) Postal address is displayed on the front gate.<br>Complaints number included on project website | Compliant         |         |
| 12.                          | 11        | The Applicant shall record details of all complaints received and actions taken in response to complaints in an up-to-date log book. The log book shall be made available for inspection upon request by the Secretary, the EPA or the Council; and a summary of complaints received shall be included in the Conditions Compliance Reports under Condition 6                                                                                                   | Hodgsons Quarries Complaints Register Date published 7/03/2023<br>Complaints log book                   | Complaints register maintained and included on project website.<br>Covers period from Jan 2011 to present.<br>Noted no complaints had been received    | Compliant         |         |
| 13.                          | 12        | The Applicant shall ensure that an initial response to complaints is provided to the complainant within 24 hours of receipt. The Applicant shall then:<br>a. investigate the concerns raised by the complainant                                                                                                                                                                                                                                                 | Hodgsons Quarries Complaints Register Date published 7/03/2023                                          | No complaints have been received                                                                                                                       | Not triggered     |         |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Evidence                                                       | Finding and Recommendations      | Compliance rating | Issue # |
|------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------|-------------------|---------|
|            |           | and undertake all reasonable attempts to determine the cause of concern; and<br>b. if adverse impacts are identified, undertake all practicable measures to modify the activity which may be causing the impacts.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                |                                  |                   |         |
| 14.        | 13        | If the Applicant's response does not address the complaint to the satisfaction of the complainant within six weeks, the Applicant shall inform the Secretary and take any action as directed by the Secretary. This may include a requirement to carry out independent investigations of noise and/or dust at the cost of the Applicant, in accordance with Condition 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Hodgsons Quarries Complaints Register Date published 7/03/2023 | No complaints have been received | Not triggered     |         |
| 15.        | 14        | If the Secretary is satisfied that an independent investigation is required, the Applicant shall:<br>(a) appoint a qualified independent person or team to plan and implement an investigation to qualify the impact and determine the sources of the impact; and<br>(b) bear the cost of the independent investigation and make available plans, programs and other information necessary for the independent person to form an appreciation of the past, present and future works and their effects on dust and/or noise emissions.<br>This investigation is to be carried out in accordance with a documented Plan. The Plan shall be designed and implemented to measure and/or compute (with appropriate calibration by measurement) the relevant noise and/or dust levels at the complainant's property, that are emitted by the development; and specify a monitoring period and reporting schedule.<br>The independent person or team, the Plan and the timing of its implementation, shall be approved by the | Hodgsons Quarries Complaints Register Date published 7/03/2023 | No complaints have been received | Not triggered     |         |

| JHC Ref No                 | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Evidence                                         | Finding and Recommendations                                          | Compliance rating | Issue # |
|----------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------|-------------------|---------|
|                            |           | Secretary. The independent person or team shall report to the Secretary and the Applicant.<br>Further independent investigations shall cease if the Secretary is satisfied that the relevant levels are not being exceeded and are unlikely to be exceeded in the future.                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |                                                                      |                   |         |
| <b>Dispute Resolution</b>  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                  |                                                                      |                   |         |
| 16.                        | 15        | In the event that the Applicant, Council, the PCA, or a government authority other than the Department, cannot agree on the specification or requirements applicable under this Consent, the matter shall be referred by either party to the Secretary or, if not resolved, to the Minister, whose determination of the disagreement shall be final and binding on the parties.                                                                                                                                                                                                                                                                                 |                                                  | No disputes have arisen.                                             | Not Triggered     |         |
| <b>HOURS OF OPERATION</b>  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                  |                                                                      |                   |         |
| 17.                        | 16        | Unless prior written approval of the EPA is obtained, the hours of operation are: <ul style="list-style-type: none"> <li>• construction: 7.00am to 6.00pm Monday to Friday</li> <li>• extraction and processing of material: 7.00am to 6.00pm, Monday to Friday and 7.00am to 1.00pm on Saturdays</li> <li>• vehicle loading: 6.00am to 6.00pm, Monday to Friday and 6.00am to 1.00pm on Saturdays.</li> </ul> No works shall be undertaken on Sundays or Public Holidays.<br>These restrictions do not apply to routine maintenance work, such as the repair of machinery, provided the work does not result in exceedance of the noise limits in Condition 47 | Site interview                                   | Operating hours are consistent with condition 16.                    | Compliant         |         |
| <b>DEPTH OF EXTRACTION</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                  |                                                                      |                   |         |
| 18.                        | 17        | The Applicant shall ensure that extraction does not take place below a level 2 metres above the wet weather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Groundwater Level , Peter Dundon, February 2022. | Rolling average of the wet weather high groundwater level calculated | Compliant         |         |

| JHC Ref No                           | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Evidence                                                                                               | Finding and Recommendations                                                                                                                 | Compliance rating | Issue # |
|--------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------|
|                                      |           | high groundwater level of the regional aquifer, as measured and mapped on the site (see Conditions 39(d) and 44)                                                                                                                                                                                                                                                                                                                                                                                                             | Section 6.5.3 2022 Annual Report                                                                       | regularly., e.g. Recalculated 5 times in 2022. Current extraction about 4m above Rolling average of the wet weather high groundwater level. |                   |         |
| <b>PRODUCTION DATA</b>               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                        |                                                                                                                                             |                   |         |
| 19.                                  | 17A       | The Applicant must provide MEG with annual quarry production data, covering a full calendar year, by no later than 30 January for the following calendar year.                                                                                                                                                                                                                                                                                                                                                               | 2021-2022 Return.                                                                                      | MEG requires this data be supplied on a financial year basis. Sighted Annual report for 2021-2022 financial year.                           | Compliant         |         |
| 20.                                  | 17B       | The data must be provided using the relevant standard form and a copy of the data must be included in the Annual Review (required under condition 66).                                                                                                                                                                                                                                                                                                                                                                       | Draft 2021-2022 Annual Review – Appendix E                                                             | Condition included with Mod 4 in 2021. Form included in the 2021-2022 Annual Review.                                                        | Compliant         |         |
| <b>ENVIRONMENTAL MANAGEMENT PLAN</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                        |                                                                                                                                             |                   |         |
| 21.                                  | 18        | The Applicant shall prepare a Construction Environmental Management Plan (EMP) to the satisfaction of the Secretary prior to commencement of construction. The Construction EMP shall contain appropriate measures which demonstrate how the environmental objectives for the project will be achieved, including objectives stated in this Consent; and contain a monitoring, reporting and response program.<br>The Applicant shall implement the approved management plan as approved from time to time by the Secretary. | Construction Environmental Management Plan for the Sand Quarry, Roberts Rd Maroota, NSW, 4/07/2016     | Construction Environmental Management Plan available.                                                                                       | Compliant         |         |
| 22.                                  | 19        | The Applicant shall prepare an Operational Environmental Management Plan (EMP) in consultation with the relevant authorities and to the satisfaction of the Secretary, prior to the commencement of extraction under this Consent. The EMP shall incorporate and integrate environmental management for the existing                                                                                                                                                                                                         | Operational Environmental Management Plan for the Sand Quarry, Roberts Rd, Maroota, NSW, R3 26/07/2018 | Operational Environmental Management Plan                                                                                                   | Compliant         |         |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Evidence                                                                                               | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Compliance rating    | Issue #      |
|------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------|
|            |           | extraction areas, as well as the areas approved under this Consent                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |              |
| 23.        | 20        | The Operational EMP shall include, but not be limited to:<br>(a) environmental objectives for the site;<br>(b) the Air Quality Management Plan (Condition 29);<br>(c) the Water Management Plan (Condition 42);<br>(d) the Noise Management Plan (Condition 46);<br>(e) the Road Noise Management Plan (Condition 48);<br>(f) The Traffic Management Plan (Condition 50A)<br>(g) the Flora and Fauna Management Plan (Condition 55); and<br>(h) the Rehabilitation Plan (Condition 58) | Operational Environmental Management Plan for the Sand Quarry, Roberts Rd, Maroota, NSW, R3 26/07/2018 | <ul style="list-style-type: none"> <li>a. Section 4 Environmental Objectives and Targets</li> <li>b. Sub-Plan A Air Quality Management Plan</li> <li>c. Sub-Plan B Water Management Plan</li> <li>d. Sub-Plan C Operation and Road Noise Management Plan</li> <li>e. Sub-Plan C Operation and Road Noise Management Plan</li> <li><b>f. Not included</b></li> <li>g. Sub-Plan D Flora and Fauna Management Plan</li> <li>h. Sub-Plan F Pollution and Incident Response Management Plan</li> </ul> <p><b>Recommendation:</b><br/>The OEMP should be updated to incorporate changes as required by DA 267-11-99 Mod 4.</p> | <b>Not Compliant</b> | <b>NC-08</b> |
| 24.        | 21        | The Applicant shall make copies of both EMPs available to Council, EPA and DPIE Water within 14 days of approval by the Secretary. The Applicant shall also make a current copy of the EMPs available for inspection by the public or these agencies, for the duration of the Consent.                                                                                                                                                                                                 | <a href="https://www.vgt.com.au/hodgsons">https://www.vgt.com.au/hodgsons</a>                          | Verified previous audit.<br>The Operational EMP, which includes the CEMP as a sub-Plan, is available on the project website.<br>Copy available onsite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Compliant            |              |
| 25.        | 22        | The Applicant shall, in consultation with the Secretary, the EPA and the DPIE Water, update the Operational EMP from time to time in order to ensure continuing compliance with the Conditions of this Consent and all relevant approvals and licenses. The EMR shall be                                                                                                                                                                                                               |                                                                                                        | The OEMP was last updated in 2018, and all management plans have been approved by the Department.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Not Compliant</b> | <b>NC-08</b> |



| JHC Ref No                         | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                   | Evidence                                                                                                                                                                      | Finding and Recommendations                                                                                                                                                           | Compliance rating | Issue # |
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|                                    |           | responsible for determining if any significant changes to the Operational EMP should be referred to the Secretary for approval.<br>The Applicant shall implement the approved management plan as approved from time to time by the Secretary.                                                                                               |                                                                                                                                                                               | The OEMP has not been updated since approval of DA 267-11-99 Mod 4.<br><b>Recommendation:</b><br>The OEMP should be updated to incorporate changes as required by DA 267-11-99 Mod 4. |                   |         |
| 26.                                | 23        | <b>Deleted</b>                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                               |                                                                                                                                                                                       |                   |         |
| 27.                                | 24        | <b>Deleted</b>                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                               |                                                                                                                                                                                       |                   |         |
| 28.                                | 25        | <b>Deleted</b>                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                               |                                                                                                                                                                                       |                   |         |
| <b>Importation of VENM and ENM</b> |           |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                       |                   |         |
| 29.                                | 26        | The applicant must:<br>(a) ensure only verified VENM and ENM is received at the site<br>(b) collect date on the VENM and ENM received including detail of the origin, date, and quantity received; and<br>(c) include a copy of this data in the Annual Review.                                                                             | Certification – Virgin Excavated Natural Material – Slim Diggins Excavations, 23/03/2023.<br>Waste Classification Report RG399-WAC-1-3 Excavated Natural Material 19/01/2023. | No VENM imported in 2020, 2021.<br>6094 Tonnes in 2022.                                                                                                                               | Compliant         |         |
| <b>Waste</b>                       |           |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                       |                   |         |
| 30.                                | 27        | No other materials classified as waste under the EPA's Waste Classification Guidelines 2009 (or its latest version) may be received or processed on the site, except as expressly permitted in an applicable EPL, specific resource recovery order or exemption under the Protection of the Environment Operations (Waste) Regulation 2014. |                                                                                                                                                                               | No waste has been received by the premises.<br>Waste is managed on site through the use of bins (removed by contractor) and waste oil is removed from the site as required.           | Compliant         |         |
| <b>Air Quality Criteria</b>        |           |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                                                                                       |                   |         |
| 31.                                | 28        | The Applicant must ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions                                                                                                                                                                                              | Dust Monitoring Results 2020<br>Dust monitoring results 2021<br>Dust monitoring results 2022                                                                                  | Deposited dust results have generally been below the annual average.                                                                                                                  | Compliant         |         |

| JHC Ref No                               | Cond. No.        | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Evidence  | Finding and Recommendations                           | Compliance rating | Issue #                           |        |                           |         |                        |                                     |        |                          |         |                        |                                          |        |                           |                  |        |                                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
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|                                          |                  | <p>generated by the development do not cause exceedances of the criteria in Table 1 at any residence on privately-owned land.</p> <p><b>Table 1 Air Quality Criteria</b></p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th>Criterion</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Particulate matter &lt; 10 µm (PM10)</td> <td>Annual</td> <td>a, c 25 µg/m<sup>3</sup></td> </tr> <tr> <td>24 Hour</td> <td>b 50 µg/m<sup>3</sup></td> </tr> <tr> <td rowspan="2">Particulate matter &lt; 2.5 µm (PM2.5)</td> <td>Annual</td> <td>a, c 8 µg/m<sup>3</sup></td> </tr> <tr> <td>24 Hour</td> <td>b 25 µg/m<sup>3</sup></td> </tr> <tr> <td>Total suspended particulate (TSP) matter</td> <td>Annual</td> <td>a, c 90 µg/m<sup>3</sup></td> </tr> <tr> <td>d Deposited dust</td> <td>Annual</td> <td>b 2 g/m<sup>2</sup>/month<br/>a 4 g/m<sup>2</sup>/month</td> </tr> </tbody> </table> <p><b>Notes:</b><br/>                     a Total impact (i.e. incremental increase in concentrations due to the development plus background concentrations due to all other sources).<br/>                     b Incremental impact (i.e. incremental increase in concentrations due to the development on its own).<br/>                     c Excludes extraordinary events such as bushfires, prescribed burning, dust storms, fire incidents or any other activity agreed by the Secretary.<br/>                     d Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003: <i>Methods for Sampling and Analysis of Ambient Air - Determination of Particulate Matter - Deposited Matter – Gravimetric Method.</i></p> | Pollutant | Averaging Period                                      | Criterion         | Particulate matter < 10 µm (PM10) | Annual | a, c 25 µg/m <sup>3</sup> | 24 Hour | b 50 µg/m <sup>3</sup> | Particulate matter < 2.5 µm (PM2.5) | Annual | a, c 8 µg/m <sup>3</sup> | 24 Hour | b 25 µg/m <sup>3</sup> | Total suspended particulate (TSP) matter | Annual | a, c 90 µg/m <sup>3</sup> | d Deposited dust | Annual | b 2 g/m <sup>2</sup> /month<br>a 4 g/m <sup>2</sup> /month | Dust monitoring results 2023<br>Maroota Dust Monitoring Results (up to 1/02/2023) | <p>The annual average for D1 Gate exceeded the annual average in the period April to November (inclusive) as a result of two very high results in January and April 2022 (Sand in gauge).</p> <p>It was determined that the high dust levels recorded were the result of contamination of the sample by sand disturbed by maintenance in the near vicinity of the dust gauge. Monitoring results show no exceedances of the particulate matter (TSP, PM<sub>10</sub>) have occurred. One exceedance of the 24 hour PM<sub>2.5</sub> criteria was recorded in October 2021. The exceedance was believed to be caused by a local grassfire, and hence not a non-compliance.</p> <p>While exceedances of the deposited dust and PM2.5 criteria were recorded, the exceedances were not found to be the result of dust generated by the development.</p> |  |  |
| Pollutant                                | Averaging Period | Criterion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                       |                   |                                   |        |                           |         |                        |                                     |        |                          |         |                        |                                          |        |                           |                  |        |                                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| Particulate matter < 10 µm (PM10)        | Annual           | a, c 25 µg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                       |                   |                                   |        |                           |         |                        |                                     |        |                          |         |                        |                                          |        |                           |                  |        |                                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                                          | 24 Hour          | b 50 µg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                       |                   |                                   |        |                           |         |                        |                                     |        |                          |         |                        |                                          |        |                           |                  |        |                                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| Particulate matter < 2.5 µm (PM2.5)      | Annual           | a, c 8 µg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                       |                   |                                   |        |                           |         |                        |                                     |        |                          |         |                        |                                          |        |                           |                  |        |                                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|                                          | 24 Hour          | b 25 µg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                       |                   |                                   |        |                           |         |                        |                                     |        |                          |         |                        |                                          |        |                           |                  |        |                                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| Total suspended particulate (TSP) matter | Annual           | a, c 90 µg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                       |                   |                                   |        |                           |         |                        |                                     |        |                          |         |                        |                                          |        |                           |                  |        |                                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| d Deposited dust                         | Annual           | b 2 g/m <sup>2</sup> /month<br>a 4 g/m <sup>2</sup> /month                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                       |                   |                                   |        |                           |         |                        |                                     |        |                          |         |                        |                                          |        |                           |                  |        |                                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| 32.                                      | 28A              | The air quality criteria in Table 1 do not apply if the Applicant has an agreement with the owner/s of the relevant residence or infrastructure to exceed the air quality criteria, and the Applicant has advised the Department in writing of the terms of this agreement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | No agreements have been entered into with any owners. | Not Triggered     |                                   |        |                           |         |                        |                                     |        |                          |         |                        |                                          |        |                           |                  |        |                                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |

| JHC Ref No                    | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Evidence                                                                                                    | Finding and Recommendations                                                                                                                                                                                                                                  | Compliance rating | Issue # |
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| <b>Air Quality Management</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                             |                                                                                                                                                                                                                                                              |                   |         |
| 33.                           | 29        | <p>The Applicant shall prepare an Air Quality Management Plan as part of the EMP. The Air Quality Management Plan shall:</p> <p>(a) identify existing and potential sources of dust deposition, TSP and fine particulates (PM10 and PM2.5) and specify appropriate monitoring intervals and locations. The purpose of the monitoring is to evaluate, assess and report on these emissions and the ambient impacts with the objective of understanding the development's contribution to levels of dust deposition, TSP and fine particulates in ambient air around the site;</p> <p>(b) provide a monitoring plan having regard to local meteorology and the relevant Australian Standards, identifying the methodologies to be used, including justification for monitoring intervals, weather conditions, seasonal variations, selecting locations, periods and times of measurements;</p> <p>(c) provide details of dust suppression measures for all sources of dust from the development, including a planting and watering regime to ensure that areas of the site which are exposed and active at any one time are minimised to the greatest extent practicable. The use of a polymer in the water to minimise dust impacts shall be investigated as part of this Plan;</p> <p>(d) provide details of actions to ameliorate impacts if they exceed the relevant criteria; and</p> <p>(e) provide the design of the reactive management system intended to reduce the day-to-day impacts of dust and fine particulates due to the development.</p> | <p>Air Quality Management Plan for the Sand Quarry, Roberts Rd Maroota, NSW, VGT Pty Ltd, R4, 7/11/2016</p> | <p>a. Section 2 Existing and Potential Sources of Dust</p> <p>b. Section 3. Air Quality Monitoring Plan</p> <p>c. Section 4. Dust Suppression Measures</p> <p>d. Section 6 Trigger Action Response Plan</p> <p>e. Section 6 Trigger Action Response Plan</p> | Compliant         |         |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Evidence                                                                                                                                                                                                                                                                                            | Finding and Recommendations                                                                                                                                                                         | Compliance rating | Issue # |
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|            |           | The Applicant shall implement the approved management plan as approved from time to time by the Secretary.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                     |                   |         |
| 34.        | 29A       | The Applicant must commission an expert review of the air quality monitoring system at the site. This review must:<br>(a) be undertaken by a suitably qualified and experience person(s) whose appointment has been approved by the Secretary;<br>(b) review the accuracy of the air quality monitoring system at the site over a 12 month period, in general accordance with the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales (DEC, 2007) and with a particular focus on PM2.5 monitoring;<br>(c) provide recommendations (where required) to improve the accuracy of air quality monitoring system at the site; and<br>(d) be undertaken in consultation with the EPA. | Air Quality Management Plan for the Sand Quarry, Roberts Rd Maroota, NSW, VGT Pty Ltd, R4, 7/11/2016<br>Independent Environmental Audit Maroota Sand Quarry - DA 267-11-99-PA-1, 5/08/2020 RPS Australia East Pty Ltd<br>Air Quality Monitoring Review 1/09/2021 to 1/09/2022 DA 267-11-99 EPL 6535 | f. Expert has been approved March 2022.<br>g. Section 5 - Statistics Summary and Interpretation<br>h. Section 6 Conclusions and Recommendations<br>i. EPA consultation included in Appendix E<br>j. | Compliant         |         |
| 35.        | 29B       | A copy of the expert review report along with a timetable for implementing any recommendations arising from the review required under condition 29A of this Schedule, must be submitted by 30 November 2022, or as otherwise agreed by the Planning Secretary. The Applicant must implement the recommendations of the expert review to the satisfaction of the Secretary.                                                                                                                                                                                                                                                                                                                                  | Air Quality Monitoring Review 1/09/2021 to 1/09/2022 DA 267-11-99 EPL 6535                                                                                                                                                                                                                          | Air Quality Monitoring Review submitted 28 November 2022.                                                                                                                                           | Compliant         |         |
| 36.        | 30        | Activities occurring at the premises must be carried out in a manner that will minimise emissions of dust from the premises.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Site inspections<br>Air Quality Management Plan for the Sand Quarry, Roberts Rd Maroota, NSW, VGT Pty Ltd, R4, 7/11/2016                                                                                                                                                                            | Dust emission mitigation measures are identified in the AQMP. No visible dust was being generated during the site inspection. A water cart was available on site for use.                           | Compliant         |         |

| JHC Ref No                    | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                 | Evidence                                                                                                                                                                                                | Finding and Recommendations                                                                                                                                                                                                                             | Compliance rating | Issue # |
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| 37.                           | 31        | The Applicant shall cease offending work at such times when the operations are resulting in visible dust emissions blowing in a direction so as to cross onto public roads or lands not owned by the Applicant.                                                                                                                                                                                                                           |                                                                                                                                                                                                         | No instances where work was required to be ceased due to dust generation.<br>Sprinkler system on stockpile.<br>Water cart used to manage traffic generated dust.                                                                                        | Compliant         |         |
| 38.                           | 32        | The Applicant shall install, operate and maintain a sprinkler system to adequately water all cleared areas and stockpiles so as to minimise dust emissions to acceptable levels.                                                                                                                                                                                                                                                          | Site inspection                                                                                                                                                                                         | Mobile sprinkler installed for use on stockpiles to reduce dust generation.<br>Monitoring shows dust consistently below site criteria.                                                                                                                  | Compliant         |         |
| 39.                           | 33        | The Applicant shall ensure that all vehicular movements on unsealed areas are restricted to specific routes and that all vehicles within the subject site keep to a speed limit of 30 km/h                                                                                                                                                                                                                                                | Site inspection                                                                                                                                                                                         | Speed limit on site is 5km/hr or walking pace. Truck drivers also informed in induction.                                                                                                                                                                | Compliant         |         |
| 40.                           | 34        | The Applicant shall ensure that trucks are covered when entering and leaving the premises carrying loads of potentially dust generating material.                                                                                                                                                                                                                                                                                         | Site inspection                                                                                                                                                                                         | Requirement included in truck drive induction.<br>Trucks are covered when entering and leaving premises.<br>Verified during site inspection.                                                                                                            | Compliant         |         |
| <b>Air Quality Monitoring</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |                   |         |
| 41.                           | 35        | All monitoring equipment is to be installed and operational prior to commencement of construction.                                                                                                                                                                                                                                                                                                                                        | Site inspection                                                                                                                                                                                         | Construction completed prior to current audit period.<br>Dust monitoring equipment installed and operating.                                                                                                                                             | Compliant         |         |
| 42.                           | 36        | Operation of dust deposition gauges and monitoring must be carried out in accordance with;<br>(a) Australian Standard 3580.10. 01 (1991) Particulates – Deposited Matter – Gravimetric Method.<br>Approved method AM-19 referred to in Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales, December 1999.<br>(b) Australian Standard 2724.3 (1984) Particulate Matter – Determination of Total Suspended | Hodgson Maroota - Dusts Report Number: 14354, 17/03/2023<br>Revision Number: 00.<br>VGT Chain of Custody Form 8/03/2023<br>Hodgson Maroota HVAS Report Number: 14355, 15/03/2023<br>Revision Number: 00 | Non-compliance for DG 2 in previous audit.<br>EPA were requested to approve relocation of the DDG 2 in 2016.<br>Most updated AS for monitoring Particulates = AS3580.10.1 2016.<br>Scope of Accreditation of laboratory proves testing to this standard | Compliant         |         |

| JHC Ref No                  | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Evidence                                                                                                                                                                                                                                                                                                                             | Finding and Recommendations                                                                                                                        | Compliance rating | Issue # |
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|                             |           | Particulates (TSP) - High Volume Sampler Gravimetric Method. Approved method AM 15 referred to in Approved Methods for the sampling and Analysis of Air Pollutants in New South Wales, December 1999. (c) Australian Standard 3580.9.6 (1990) for Suspended Particulate Matter – PM10 High Volume Sampler with Size Selective Inlet-Gravimetric Method. Approved method AM-18 referred to in Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales, December 1999.3 |                                                                                                                                                                                                                                                                                                                                      | Noted in review of AQMP EPA were requested to approve                                                                                              |                   |         |
| 43.                         | 37        | A meteorological station measuring wind speed and direction must be installed and operated by the Applicant at a site determined in consultation with the EPA.                                                                                                                                                                                                                                                                                                                                    | Site Inspection                                                                                                                                                                                                                                                                                                                      | Meteorological station installed on site at location as previously approved.                                                                       | Compliant         |         |
| <b>SOIL AND WATER</b>       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                    |                   |         |
| 44.                         | Note      | The Applicant is required to obtain the necessary water licences for the development under the Water Act 1912 and/or Water Management Act 2000.                                                                                                                                                                                                                                                                                                                                                   | WAL 24163                                                                                                                                                                                                                                                                                                                            | WAL 24163 obtained.                                                                                                                                | Compliant         |         |
| <b>Limits on Extraction</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                    |                   |         |
| 45.                         | 38        | The Applicant shall not extract:<br>(a) below a depth of 182 m AHD in the footprint of the Process Water Dam, if not already extracted as at the date of Modification 2; and<br>(b) below a depth of 186.1 m AHD in all other areas of the site;<br>(c) unless in accordance with Condition 17, and following written notification to the Secretary and DPIE Water.                                                                                                                               | Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2020.<br>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2021<br>Draft Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2022 | No extraction has occurred in the process dam during the current audit period.<br><br>Current depth of extraction for site approximately 188m AHD. | Compliant         |         |



| JHC Ref No                                     | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Evidence                                                                                                      | Finding and Recommendations                                                                                      | Compliance rating | Issue # |
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| <b>Groundwater Study and Remediation Works</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                               |                                                                                                                  |                   |         |
| 46.                                            | 39        | <p>Within six weeks of the date of approval of Modification 2, the Applicant shall commission a comprehensive groundwater study of the site. This study must:</p> <ul style="list-style-type: none"> <li>(a) be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Secretary and DPIE Water;</li> <li>(b) consult with DPIE Water;</li> <li>(c) examine all existing records of groundwater levels at the site;</li> <li>(d) develop an interim contour map of the wet weather high groundwater level of the regional aquifer, based on all available records (see also Condition 44); and</li> <li>(e) provide advice and recommendations on the Groundwater Monitoring Program as set out in Condition 43.</li> </ul>                           | Independent Environmental Audit Maroota Sand Quarry - DA 267-11-99-PA-1, 5/08/2020 RPS Australia East Pty Ltd | Peter Dundon engaged 30/3/16, approved by then DPI-W 10/5/16, approved by DPE 5/4/16.<br>Verified previous audit | Compliant         |         |
| 47.                                            | 40        | <p>Unless otherwise agreed by the Secretary, the Applicant shall submit a report of the study to the Secretary and DPIE Water within six months of commissioning the study. The report must be accompanied by a Groundwater Management Improvement Program, based on the study's findings and recommendations which includes a program of proposed timeframes for implementation. Should the Applicant propose not to implement any of the report's recommendations, it must provide detailed justification to this effect.</p> <p>The Groundwater Management Improvement Program must be prepared and implemented to the satisfaction of the Secretary. Progress against the Program shall be reported through Annual Reviews and considered as part of the Independent Environmental Audit.</p> | Independent Environmental Audit Maroota Sand Quarry - DA 267-11-99-PA-1, 5/08/2020 RPS Australia East Pty Ltd | Letter from DPIE dated 22 August 2018 confirming acceptance of the Groundwater Study.<br>Verified previous audit | Compliant         |         |

| JHC Ref No                   | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Evidence                                                                                                                                                                                                                                          | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Compliance rating    | Issue #      |
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| 48.                          | 41        | <p>Within six months of the submission of the Groundwater Study and accompanying documents (see Conditions 39 and 40), the Applicant must infill any area of the site identified as being below the wet weather high groundwater level to at least that level as mapped (see Condition 39(d)).</p> <p>Within six months of any update of the groundwater level contour map, the Applicant must infill any area of the site identified as being below the wet weather high groundwater level to at least that level as mapped (see Condition 44).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Independent Environmental Audit Maroota Sand Quarry - DA 267-11-99-PA-1, 5/08/2020 RPS Australia East Pty Ltd                                                                                                                                     | Not triggered - no areas of the site identified as being below the wet weather high groundwater level. Verified previous audit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Not Triggered        |              |
| <b>Water Management Plan</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |              |
| 49.                          | 42        | <p>The Applicant shall prepare a Water Management Plan for the development to the satisfaction of the Secretary. This plan must be prepared in consultation with DPIE Water by suitably qualified and experienced person/s whose appointment has been approved by the Secretary, and be submitted to the Secretary for approval by 31 December 2016. The plan must be updated on an annual basis in consultation with DPIE Water for three years from the date of approval of Modification 2 and thereafter as agreed with by the Secretary.</p> <p>In addition to the standard requirements for management plans (see Condition 65), this plan must include a:</p> <p>(a) Site Water Balance that:</p> <ul style="list-style-type: none"> <li>• includes details of: <ul style="list-style-type: none"> <li>o sources and security of water supply, including contingency planning;</li> <li>o water use on site;</li> <li>o water management on site, including groundwater inflows to the quarry voids and site discharges; and</li> </ul> </li> </ul> | <p>Surface Water Management Plan for Roberts Road Maroota Sand Quarry DA 267-11-99, 9853_HMA_EMP_SWMP_2020_F1, 19/05/2022.</p> <p>Letter from DPE 28/06/2022 providing approval of the updated Water Management Plan (Revision F2, June 2022)</p> | <p>Original Plan approved 2016. Approval of suitably qualified and experienced person/s provided in Appendix A.</p> <ol style="list-style-type: none"> <li>a. Section Water Balance</li> <li>b. Section 4 – Surface Water Management Plan</li> <li>c. Groundwater Management Plan, Appendix F</li> </ol> <p>Updated Water Management Plan approved 28/06/2022. Surface Water Management Plan requires the following monitoring to be conducted:</p> <ul style="list-style-type: none"> <li>• monitoring of the soil erosion, sediment and water is undertaken regularly and within 24 hours of expected rainfall and within 18 hours of a rainfall event of sufficient intensity and</li> </ul> | <b>Not Compliant</b> | <b>NC-02</b> |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Evidence | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Compliance rating | Issue # |
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|            |           | <ul style="list-style-type: none"> <li>o audit and reporting procedures, including comparisons of the site water balance each calendar year; and</li> <li>o describes the measures that would be implemented to minimise clean water use on site and maximise recycling opportunities;</li> </ul> <p>(b) Surface Water Management Plan, that includes:</p> <ul style="list-style-type: none"> <li>• a detailed description of the surface water management system on site, including the:               <ul style="list-style-type: none"> <li>o clean water diversion systems;</li> <li>o erosion and sediment controls;</li> <li>o effluent irrigation system;</li> <li>o water transfers from the extraction areas;</li> <li>o water storages; and</li> <li>o discharge points;</li> </ul> </li> <li>• design objectives and performance criteria for proposed:               <ul style="list-style-type: none"> <li>o erosion and sediment control structures;</li> <li>o water storages, including quarry voids;</li> <li>o site discharges; and</li> <li>o control of water pollution from rehabilitated areas of the site;</li> </ul> </li> <li>• performance criteria, including trigger levels for investigating any potentially adverse impacts for surface water quality;</li> <li>• a program to monitor:               <ul style="list-style-type: none"> <li>o the effectiveness of the water management system;</li> <li>o site discharge water quality; and</li> <li>o surface water level and quality in the Process Water Dam, including the quantification of rainfall inflow, groundwater inflow and evaporation;</li> </ul> </li> </ul> |          | <p>duration to cause runoff (approximately 70mm of rainfall over 5 days).</p> <ul style="list-style-type: none"> <li>• Visual check of stability and operation of all banks, ponds, channels and spillways undertaken monthly.</li> <li>• Visual inspection for evidence of tailgate discharge and/or sediment build-up at exit to site – Weekly</li> </ul> <p>However, no records were available to verify that inspections had been conducted.</p> <p><b>Recommendation:</b><br/>Documented records should be maintained to verify monitoring and inspections have been completed in accordance with the Surface Water Management Plan.</p> |                   |         |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Evidence | Finding and Recommendations | Compliance rating | Issue # |
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|            |           | <ul style="list-style-type: none"> <li>• a plan to respond to any exceedances of the performance criteria, and mitigate and/or offset any adverse surface water impacts of the project;</li> <li>• long term water quality management objectives and the measures to achieve these objectives;</li> <li>• a plan that ensures surface stormwater runoff from the disturbed areas is directed to the sedimentation dam(s);</li> <li>• a plan that ensures tailgate drainage does not discharge into or onto any adjoining public or Crown road, any other persons land, any Crown land, any river, creek or watercourse, any groundwater aquifer, any native vegetation as described under the Native Vegetation Conservation Act 1997 and any wetlands of environmental significance;</li> <li>• a detailed description of design and construction criteria for the Process Water Dam based on a feasibility study of:               <ul style="list-style-type: none"> <li>o capacity to construct multiple cells within the overall dam footprint (i.e. a two stage or three stage dam);</li> <li>o whether the dam floor and walls are able to be effectively lined with compacted clay (especially for multiple cells);</li> <li>o whether effective hydraulic separation can be achieved between such cells;</li> <li>o rehabilitating such cells to create a single dam within the final landform; and</li> <li>o the appropriateness of diverting runoff received from off-site around the dam;</li> </ul> </li> <li>• a strategy for the decommissioning of water management structures, including storage, sedimentation and leachate dams once extraction is complete; and</li> </ul> |          |                             |                   |         |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Evidence | Finding and Recommendations | Compliance rating | Issue # |
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|            |           | <ul style="list-style-type: none"> <li>• audit and reporting procedures, including comparisons of the monitoring results each calendar year and quarterly reporting of surface water monitoring results;</li> <li>(c) Groundwater Management Plan that takes into account the Web-based Reporting Guideline (DPE 2015) and Groundwater Monitoring and Modelling Plans – Information for Prospective Mining and Petroleum Exploration Activities (DPI 2014), and includes:               <ul style="list-style-type: none"> <li>• detailed baseline data on groundwater yield and quality in groundwater bores on privately owned land, that could be affected by the project;</li> <li>• a program to undertake surveyed probe testing of all extracted areas where clay fines have been deposited to:                   <ul style="list-style-type: none"> <li>o accurately determine the depth of extraction and depth of clay fines;</li> <li>o identify any ongoing intersection or other interaction between clay fines and the regional groundwater aquifer;</li> <li>o identify any geotechnical characteristics of the emplaced clay fines which may pose risks to workplace safety or implementation of the process water dam design or the final landform;</li> <li>and</li> <li>o identify measures which can be successfully used in rehabilitating these areas;</li> </ul> </li> <li>• a program to monitor potential groundwater quality impacts to the regional aquifer from receiving off-site runoff water in the Process Water Dam;</li> <li>• groundwater assessment criteria, including trigger levels for investigating any potentially adverse</li> </ul> </li> </ul> |          |                             |                   |         |

| JHC Ref No                    | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Evidence                                                                                  | Finding and Recommendations                                                                                                                                                                                                                                                                                    | Compliance rating | Issue # |
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|                               |           | <p>groundwater impacts, in accordance with the NSW Aquifer Interference Policy;</p> <ul style="list-style-type: none"> <li>• a program to monitor: <ul style="list-style-type: none"> <li>o the impacts of the project on: <ul style="list-style-type: none"> <li>- groundwater inflows to water storages;</li> <li>- any groundwater bores on privately-owned land that could be affected by the project; and</li> <li>o seepage from water storages or backfilled voids on site;</li> </ul> </li> </ul> </li> <li>• a plan to respond to any exceedances of the groundwater assessment criteria;</li> <li>• emergency contingency plans for implementation in the event that the groundwater is encountered during excavation; and</li> <li>• audit and reporting procedures, including comparisons of the monitoring results each calendar year and quarterly reporting of groundwater monitoring results,</li> </ul> <p>The Applicant shall implement the approved management plan as approved from time to time by the Secretary.</p> |                                                                                           |                                                                                                                                                                                                                                                                                                                |                   |         |
| <b>Groundwater Monitoring</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                           |                                                                                                                                                                                                                                                                                                                |                   |         |
| 50.                           | 43        | <p>The Applicant shall prepare a Groundwater Monitoring Program for the development to the satisfaction of the Secretary. This program must:</p> <p>(a) be prepared in consultation with DPIE Water and be submitted to the Secretary for approval within four months of the date of approval of Modification 2;</p> <p>(b) include proposed construction of a network of at least five active monitoring bores around the south-eastern, southern, western and north-western boundaries of the extraction area (but outside of the overall extraction footprint) in proximity to extraction Phases 1 to 6 as identified in Modification</p>                                                                                                                                                                                                                                                                                                                                                                                               | <p>Roberts Road Maroota Sand Quarry Groundwater Monitoring Program, Rev D, 18/07/2017</p> | <p>Groundwater Monitoring program developed and approved in 2017. Verified previous audit.</p> <ol style="list-style-type: none"> <li>a. Verified previous audit</li> <li>b. Section 3.1 Monitoring Bore Network</li> <li>c. MW7 installed in December 2016</li> <li>d. Sections 3,4,5 of the SWMP.</li> </ol> | Compliant         |         |

| JHC Ref No                                       | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Evidence                                                                                                                                                                                                                                                                                                                              | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                           | Compliance rating    | Issue #      |
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|                                                  |           | 2, to collect continuous groundwater level monitoring data from the regional aquifer;<br>(c) include proposed construction to deepen (or replace) PT84MW1 in order that a bore in that general location monitors the regional aquifer; and<br>(d) include proposed construction of active monitoring bores within the largest components of at least the two forthcoming extraction Phases (on a rolling basis), each to collect at least 2 years of continuous baseline groundwater monitoring data prior to extraction commencing with that Phase.                                                              |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |
| 51.                                              | 44        | The results of the Groundwater Monitoring Program shall be reported to the Department and DPIE Water, using contour plans depicting the surface topography, updated contour maps of the wet weather high groundwater level of the regional aquifer and proposed depth of extraction for each extraction Phase. Reporting is to occur on a six monthly basis for the duration of extractive operations, and throughout rehabilitation of the site, unless otherwise agreed with the Secretary.<br>The Applicant shall implement the Groundwater Monitoring Program as approved from time to time by the Secretary. | Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2020.<br>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2021<br>Draft Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2022. | Reporting on the Groundwater Monitoring Program included in the Annual Reviews.<br>Monthly groundwater monitoring published on website.<br>Reporting on the Groundwater Monitoring Program not undertaken on a six monthly basis.<br><b>Recommendation:</b><br>A process should be implemented to ensure that the results of the Groundwater Monitoring Program are reported to the Department and DPIE Water on a six monthly basis. | <b>Not Compliant</b> | <b>NC-03</b> |
| <b>Process Water Dam Design and Construction</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |
| 52.                                              | 45        | The Applicant must ensure that the Process Water Dam is designed and constructed in a manner that satisfies the design and construction criteria for the Process Water Dam as developed under the Surface Water Management Plan (see condition 42(b) above).                                                                                                                                                                                                                                                                                                                                                      | Surface Water Management Plan for Roberts Road Maroota Sand Quarry DA 267-11-99, 9853_HMA_EMP_SWMP_2020_F1, 19/05/2022.                                                                                                                                                                                                               | Process water dam has complied with requirements of the Surface Water Management Plan                                                                                                                                                                                                                                                                                                                                                 | Compliant            |              |

| JHC Ref No                   | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Evidence                                                                                     | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Compliance rating | Issue # |
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| <b>Noise</b>                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |         |
| <b>Noise Management Plan</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |         |
| 53.                          | 46        | <p>The Applicant shall prepare a Noise Management Plan as part of the EMP.</p> <p>The Noise Management Plan shall:</p> <p>(a) identify existing and potential noise sources and their relative contribution to noise impacts from the development;</p> <p>(b) specify appropriate intervals for noise monitoring to evaluate, assess and report noise emission levels due to construction and normal operations of the development under prevailing weather conditions;</p> <p>(c) outline the methodologies to be used, including justification for monitoring intervals, weather conditions, seasonal variations, selecting locations, periods and times of measurements, the design of any noise modelling or other studies, including the means for determining the noise levels emitted by the development;</p> <p>(d) specify measures to be taken to document any higher level of impacts or patterns of temperature inversions, and detail actions to quantify and ameliorate enhanced impacts if they occur;</p> <p>(e) provide details of noise amelioration measures, including measures to be used to reduce the impact of intermittent, low frequency and tonal noise (including truck reversing alarms) and reactive management responses for particular noise sources; and</p> <p>(f) contingency measures to be implemented should noise complaints be received.</p> <p>(g) provision for the notification of adjoining property owners of the commencement and duration of works adjoining the boundary;</p> | <p>Operational and Road Noise Management Plan,<br/>MAC160257NMPV02, Final<br/>17/11/2016</p> | <p>Operational and Road Noise Management Plan developed and approved in 2017. Verified previous audit.</p> <ul style="list-style-type: none"> <li>a. Table 1 Noise Sources and Sound Power Levels</li> <li>b. Section 2.3 Operational Noise Criteria</li> <li>c. Section 4.2 Operational Attended Monitoring Methodology</li> <li>d. Best Practice Management and Control Of Noise Emissions</li> <li>e. Section 3.3 Sound Power Levels and Noise Reduction Strategy</li> <li>f. Section 4.3 Responsibility, Community Concerns And Complaints</li> <li>g. Section 4.3.1 Property Boundary Operations</li> <li>h. Section 3.1 Engineering Noise Controls</li> <li>i. Section 3.3 Sound Power Levels and Noise Reduction Strategy</li> </ul> | Compliant         |         |



| JHC Ref No                        | Cond. No.                                            | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Evidence                                                                          | Finding and Recommendations                                                               | Compliance rating                              | Issue #                                      |            |    |    |    |                     |    |    |    |                                                                                                                                                                                                                  |                                                                                                    |           |  |
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|                                   |                                                      | <p>(h) construction of temporary noise shielding to residences affected by short-term noise impacts, including the bund recommended under Modification 2, and include an assessment of the effectiveness of this measure in reducing noise levels; and</p> <p>(i) include a noise reduction strategy for typical operations to ensure the noise levels from these operations do not exceed the noise criteria specified in Condition 47.</p> <p>The Applicant shall implement the approved management plan as approved from time to time by the Secretary.</p>                                                                                                                          |                                                                                   |                                                                                           |                                                |                                              |            |    |    |    |                     |    |    |    |                                                                                                                                                                                                                  |                                                                                                    |           |  |
| <b>Noise Operating Conditions</b> |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                   |                                                                                           |                                                |                                              |            |    |    |    |                     |    |    |    |                                                                                                                                                                                                                  |                                                                                                    |           |  |
| 54.                               | 47                                                   | <p>The Applicant must ensure that the noise generated by the development does not exceed the criteria in Table 2 at any residence on privately-owned land.</p> <table border="1"> <thead> <tr> <th>Receiver</th> <th>Day (7am-6pm)<br/>Monday to Saturday<br/>LAeq (15 min)</th> <th>6am-7am<br/>Monday to Saturday<br/>LAeq (15 min)</th> <th>6am-7am<br/>Monday to Saturday<br/>LA1 (1 min)</th> </tr> </thead> <tbody> <tr> <td>Receiver B</td> <td>44</td> <td>40</td> <td>50</td> </tr> <tr> <td>All other Receivers</td> <td>43</td> <td>40</td> <td>50</td> </tr> </tbody> </table> <p><i>aThe Noise Assessment Locations referred to in Table 2 are shown in Appendix 2</i></p> | Receiver                                                                          | Day (7am-6pm)<br>Monday to Saturday<br>LAeq (15 min)                                      | 6am-7am<br>Monday to Saturday<br>LAeq (15 min) | 6am-7am<br>Monday to Saturday<br>LA1 (1 min) | Receiver B | 44 | 40 | 50 | All other Receivers | 43 | 40 | 50 | <p>Noise Monitoring Assessment Hodgson Quarries and Plant Pty Ltd, Doc ID MAC160257RP5V1, 1/12/2020.</p> <p>Noise Monitoring Assessment Hodgson Quarries and Plant Pty Ltd, Doc ID MAC160257RP6, 28.10/2021.</p> | Noise monitoring conducted showed noise levels from quarrying operations were below site criteria. | Compliant |  |
| Receiver                          | Day (7am-6pm)<br>Monday to Saturday<br>LAeq (15 min) | 6am-7am<br>Monday to Saturday<br>LAeq (15 min)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6am-7am<br>Monday to Saturday<br>LA1 (1 min)                                      |                                                                                           |                                                |                                              |            |    |    |    |                     |    |    |    |                                                                                                                                                                                                                  |                                                                                                    |           |  |
| Receiver B                        | 44                                                   | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50                                                                                |                                                                                           |                                                |                                              |            |    |    |    |                     |    |    |    |                                                                                                                                                                                                                  |                                                                                                    |           |  |
| All other Receivers               | 43                                                   | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50                                                                                |                                                                                           |                                                |                                              |            |    |    |    |                     |    |    |    |                                                                                                                                                                                                                  |                                                                                                    |           |  |
| 55.                               | 47(a)                                                | The excavator to be used is to be fitted with acoustic mufflers to achieve a noise level of approximately 76dB(A) when measured at 7 metres.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Sound Power Testing Hodgson Quarries and Plant Pty Ltd, Maroota, NSW, 4 June 2018 | Measurements identify that the sound power level of the PC350 Komatsu is 101dBA, which is | Compliant                                      |                                              |            |    |    |    |                     |    |    |    |                                                                                                                                                                                                                  |                                                                                                    |           |  |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Evidence                                                                                                                                                                                              | Finding and Recommendations                                                                                                                                                                   | Compliance rating | Issue # |
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|            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                       | compliant (76Ba at 7m SWL of 101dBA).                                                                                                                                                         |                   |         |
| 56.        | 47(b)     | The on-site generator is to be fitted with an acoustic enclosure to ensure that noise levels less than 44dB(A) at 30m are achieved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Site Inspection                                                                                                                                                                                       | Generator situated inside shed. Reported that the generator has not been used during the period covered by the current audit.                                                                 | Compliant         |         |
| 57.        | 47(c)     | A noise compliance investigation is to undertaken within one month of the installation of the equipment to demonstrate compliance with the noise level limits stated in Conditions 47(a) and 47(b). The results of the compliance investigation are to be provided for the approval of the Secretary within 14 days of the completion of the investigations.                                                                                                                                                                                                                                                                                                                                             | Noise Monitoring Assessment Hodgson Quarries and Plant Pty Ltd, Doc ID MAC160257RP5V1, 1/12/2020.<br>Noise Monitoring Assessment Hodgson Quarries and Plant Pty Ltd, Doc ID MAC160257RP6, 28.10/2021. | Noise monitoring has been conducted on an annual basis. No exceedance of criteria has been reported during the period covered by the current audit. No new equipment during the audit period. | Compliant         |         |
| 58.        | 47(d)     | The Applicant must ensure works associated with atypical operations, as described in Modification 2, only occur:<br>(a) for a maximum of 24 days in a year, and only between 8 am to 5 pm on those days, Monday to Saturday;<br>(b) after an investigation of options for avoiding multiple atypical operations at any one time so as to limit noise levels at affected receptors, and the outcomes of this investigation are detailed in the Noise Management Plan; and<br>(c) at least 24 hours after notifying potentially affected receptors, with such notification to include information on the duration and extent of works, the likely noise to be experienced, and a contact telephone number. | Site Interview                                                                                                                                                                                        | No atypical operations have been conducted during the current audit period                                                                                                                    | Compliant         |         |

| JHC Ref No                        | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Evidence                                                                                                                                                                                              | Finding and Recommendations                                                                                                                                                                                                          | Compliance rating | Issue # |
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| <b>TRAFFIC AND TRANSPORT</b>      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                       |                                                                                                                                                                                                                                      |                   |         |
| <b>Road Noise Management Plan</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                       |                                                                                                                                                                                                                                      |                   |         |
| 59.                               | 48        | The Applicant shall ensure that traffic noise from the development does not exceed ( $L_{Aeq}(1\text{ hr})$ ) 55 dB(A) between 7 am and 10 pm and 50 dB(A) between 10 pm and 7 am at any affected residence under adverse weather conditions. Where ambient $L_{eq}$ levels already exceed these criteria, the Applicant shall ensure that traffic noise from the development does not result in an increase of more than 2 dB(A).<br><i>Note: Adverse weather conditions means in the presence of winds up to 3 metres per second and/or temperature inversions of up to 4 degrees centigrade per 100 metres.</i> | Noise Monitoring Assessment Hodgson Quarries and Plant Pty Ltd, Doc ID MAC160257RP5V1, 1/12/2020.<br>Noise Monitoring Assessment Hodgson Quarries and Plant Pty Ltd, Doc ID MAC160257RP6, 28.10/2021. | Noise monitoring conducted showed noise levels from traffic associated with quarrying operations satisfied relevant noise criteria.                                                                                                  | Compliant         |         |
| 60.                               | 49        | The Applicant shall prepare a Road Noise Management Plan as part of the EMP. The Plan shall document measures to be taken to meet the criteria, including a monitoring, reporting and response program; and methods for educating drivers in the reduction of road noise impacts.<br>The Applicant shall implement the approved management plan as approved from time to time by the Secretary.                                                                                                                                                                                                                    | Operational and Road Noise Management Plan, MAC160257NMPV02, Final 17/11/2016                                                                                                                         | Road Noise Management Plan included in the Operational and Road Noise Management Plan.                                                                                                                                               | Compliant         |         |
| <b>Truck Movements</b>            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                       |                                                                                                                                                                                                                                      |                   |         |
| 61.                               | 50        | The Applicant must ensure that truck movements associated with the development do not exceed 70 outbound and 70 inbound per day and does not exceed 10 outbound and 10 inbound per hour.                                                                                                                                                                                                                                                                                                                                                                                                                           | Docket 02046 27/03/2023 – Down Under Demo (importing VENM)                                                                                                                                            | Truck movements are reported in the Annual Reviews.<br>Shows less than 40 truck movements per days.<br>Noted that only one loader operates on site, which restricts the number of truck movements to less than 10 outbound per hour. | Compliant         |         |

| JHC Ref No                     | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Evidence                                                                                  | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Compliance rating           | Issue #             |
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| <b>Traffic Management Plan</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                     |
| 62.                            | 50A       | <p>The Applicant must prepare a Traffic Management Plan that must:</p> <p>(a) be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Secretary;</p> <p>(b) be prepared in consultation with TfNSW and Council;</p> <p>(c) include a Drivers' Code of Conduct that contains procedures to ensure that drivers:</p> <p>(i) adhere to posted speed limits or other required travelling speeds;</p> <p>(ii) adhere to designated transport routes;</p> <p>(iii) implement safe and quiet driving practices; and</p> <p>(iv) minimise potential conflict with school buses.</p> <p>(d) describe the measures to be put in place to ensure compliance with the Drivers' Code of Conduct; and</p> <p>(e) propose measures to minimise the transmission of dust and tracking of material onto the surface of public roads from vehicles exiting the site.</p> <p>The Applicant must submit the Traffic Management Plan for the approval of the Secretary by the 31 October 2021, or as otherwise agreed by the Secretary. The Applicant must implement the Traffic Management Plan as approved.</p> | <p>Operational Traffic Management Plan Roberts Road Quarry Maroota 22nd November 2022</p> | <p>a. Operational Traffic Management Plan prepared by Pavey Consulting Services</p> <p>b. Approval by DPE provided 15/02/2022 (Appendix E), Evidence of consultation with DPE. TfNSW (Appendix F) and Hills Council (Appendix D) included</p> <p>c. Appendix B – Drivers Code of Conduct</p> <p>d. Section 10 Compliance Monitoring</p> <p>e. Section 8 Dust Mitigation and Material Tracking</p> <p>Traffic Management plan requires formal observation of compliance of both the Drivers Code of Conduct and Covering of Loads at three monthly intervals to be undertaken to document any departures and identify any remedial actions with employees, heavy vehicle drivers or haulage companies that may be necessary as a result of these observations.</p> <p>No records of completion of formal observations were available.</p> <p><b>Recommendation:</b></p> <p>Formal observation of compliance of both the Drivers Code of Conduct and Covering of Loads should be</p> | <p><b>Not Compliant</b></p> | <p><b>NC-04</b></p> |

| JHC Ref No                       | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Evidence                                                            | Finding and Recommendations                                                                                                                                 | Compliance rating | Issue # |
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|                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     | undertaken and documented at three monthly intervals.                                                                                                       |                   |         |
| <b>Section 94A Contributions</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |                                                                                                                                                             |                   |         |
| 63.                              | 51        | <p>The Applicant shall pay to Council a contribution under Section 94A of the Act at the rate of \$0.65 per tonne of all extracted/ processed material transported from the subject site.</p> <p>The following conditions apply to the payment of this contribution:</p> <p>(A) The contribution will be calculated and paid monthly from the date of this Consent;</p> <p>(b) The contribution will be indexed and adjusted annually as from the date of Consent, in accordance with the Consumer Price Index. This adjustment will be applicable to each financial year for the duration of this Consent and shall take effect from and including July each year, commencing 1 July 2000;</p> <p>(c) On or before the fourteenth day of each month for the duration of the Consent, the Applicant shall deliver to Council weighbridge records showing the true quantities of extracted/processed material transported from the property during the immediately proceeding month and the Council will then, as soon as it can conveniently do so, issue an invoice to the Applicant, to be paid within fourteen days;</p> <p>(d) The Council has the right to inspect and have the original records relating to any extraction/processing material, including numbers and types of laden trucks, trailers and load quantities transported from the property audited, at any time when Council makes a written request to do so;</p> <p>(e) The Council will pay all the said contribution payments into a specially identified account for</p> | The Hills Shire Council Sec 94 Levy (spreadsheet from MYOB) January | While it was reported that contributions to Council had been made, no records of contributions were provided to verify contributions had been paid monthly. | Compliant         |         |

| JHC Ref No                             | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Evidence                                                                                                | Finding and Recommendations                                                                                                                                                                                                                              | Compliance rating | Issue # |
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|                                        |           | payment towards the rehabilitation, restoration, repair and/or maintenance of Old Northern and Wisemans Ferry Roads within the Baulkham Hills Shire boundary.<br><i>Note: This condition has been imposed in accordance with Council's Contributions Plan No. 6 – Extractive Industries. A copy of this plan may be inspected at the Customer Service Centre, Council's administration Complex, corner of Carrington and Showground Roads, Castle Hill, between the hours of 8:30 am and 4:30 pm weekdays.</i> |                                                                                                         |                                                                                                                                                                                                                                                          |                   |         |
| <b>FLORA AND FAUNA</b>                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                         |                                                                                                                                                                                                                                                          |                   |         |
| 64.                                    | 52        | Deleted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                         |                                                                                                                                                                                                                                                          |                   |         |
| 65.                                    | 53        | The Applicant shall not clear the strip of remnant vegetation along the southern fence line (Old Northern Road) and the vegetation to the north of the site entrance (Roberts Road) containing Blue Mountains Mahogany ( <i>Eucalyptus notabilis</i> ). This area shall be fenced off to prevent vehicles entering the area.                                                                                                                                                                                   | Site inspection                                                                                         | the strip of remnant vegetation has not been removed.<br>Verified during site inspection.                                                                                                                                                                | Compliant         |         |
| 66.                                    | 54        | In construction of the bund walls at the corner of Roberts Road and Old Northern Road, the Applicant shall minimise disturbance to existing native vegetation.                                                                                                                                                                                                                                                                                                                                                 | Site inspection                                                                                         | Bund walls were constructed in 2000.                                                                                                                                                                                                                     | Compliant         |         |
| <b>Flora and Fauna Management Plan</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                         |                                                                                                                                                                                                                                                          |                   |         |
| 67.                                    | 55        | The Applicant shall prepare a Flora and Fauna Management Plan as part of the EMP. The Plan shall be prepared in consultation with National Parks and Wildlife Service and Council, and shall:<br>(a) describe the characteristics and location of species, populations and communities that the proposal may impact upon;<br>(b) consider the feasibility and practicality of salvaging trees removed for the development for relocation to                                                                    | Flora and Fauna Management Plan for the Sand Quarry, Roberts Rd Maroota, NSW, 2801_FFMP_R2, 22/11/2016. | Flora and Fauna Management Plan and approved by DPE 9/12/2016.<br>a. Section 6 Existing Baseline<br>b. Section 6.1 Flora – No trees to be removed.<br>c. Section 7.Management and Mitigation Measures<br>d. Section 7.Management and Mitigation Measures | Compliant         |         |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Evidence | Finding and Recommendations                                                                                                                                                     | Compliance rating | Issue # |
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|            |           | <p>conserved or rehabilitated areas, for the purposes of reconstructing habitat for ground fauna</p> <p>(c) contain a program for the active management and maintenance of all conserved and rehabilitated vegetation (as detailed in the EIS and required under this Consent) including consideration of:</p> <ul style="list-style-type: none"> <li>• post-extraction land use objectives for the site;</li> <li>• utilisation of local endemic species or species naturally occurring in the Maroota area;</li> <li>• planting around the conservation area to further buffer this area and enhance its long term viability as a bushland ecosystem;</li> <li>• connection of existing areas and future areas of revegetation to form a network of wildlife corridors throughout site and to adjoining lands to facilitate species recruitment through natural immigration;</li> <li>• provision of rocks of varying sizes to provide refuge and basking sites for herpetofauna;</li> <li>• fencing of revegetated areas to prohibit grazing by stock; and</li> <li>• provision of artificial nest boxes for a range of arboreal fauna.</li> </ul> <p>(d) mitigation measures to be implemented should operations compromise the significant flora and fauna communities identified in the EIS;</p> <p>(e) an ongoing monitoring program of the existing and proposed revegetated areas to assess their floristical structure and diversity, resilience and robustness to disturbance, and fauna species diversity. The information obtained from the monitoring shall be used to guide future revegetation and management efforts; and</p> <p>(f) include detailed performance and completion criteria for evaluating the performance of the flora and</p> |          | <p>e. Section 9. Monitoring Program</p> <p>f. Table 2. Performance and completion criteria and triggers to assess the effectiveness of flora and fauna management measures.</p> |                   |         |

| JHC Ref No                          | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Evidence                          | Finding and Recommendations                                           | Compliance rating | Issue # |
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|                                     |           | fauna management measures and rehabilitation of the site, including triggers for any necessary remedial action.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   |                                                                       |                   |         |
| 68.                                 | 56        | The Applicant shall maintain the revegetated areas for the duration of the Consent. Maintenance may include: <ul style="list-style-type: none"> <li>• replanting failed or unsatisfactory areas</li> <li>• repairing erosion problems</li> <li>• fire management – fire suppression or fire encouragement</li> <li>• pest and weed control</li> <li>• control of feral animal populations</li> <li>• maintain and repair fencing</li> <li>• fertiliser application</li> <li>• watering plants in drier areas, especially in the establishment phase</li> <li>• application of lime or gypsum to control pH and improve soil structure.</li> </ul> | Site inspection                   | Site inspection found good growth in revegetated areas.<br>Records of | Compliant         |         |
| <b>HERITAGE</b>                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   |                                                                       |                   |         |
| 69.                                 | 57        | If, during the development, the Applicant becomes aware of any heritage or archaeological material, all work likely to affect the material shall cease immediately and the relevant authorities consulted about an appropriate course of action prior to recommencement of work. The relevant authorities may include NPWS, the Heritage Office, and the Local Aboriginal Land Councils. Any necessary permits or consents shall be obtained and complied with prior to recommencement of work.                                                                                                                                                   |                                   | No heritage or archaeological material has been identified.           | Not Triggered     |         |
| <b>LANDSCAPE AND REHABILITATION</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   |                                                                       |                   |         |
| <b>Rehabilitation Objectives</b>    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   |                                                                       |                   |         |
| 70.                                 | 58        | The Applicant shall rehabilitate the site in a manner that is consistent with the final landform designs in Appendix 1 to the satisfaction of the Secretary. All                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Landscape and Rehabilitation Plan | Rehabilitation Plan developed and implemented.                        | Compliant         |         |



| JHC Ref No                        | Cond. No.                                                                                                                                                                                                                                                        | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Evidence        | Finding and Recommendations                                                | Compliance rating | Issue #                                                                                                                                                                                                                                                          |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
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|                                   |                                                                                                                                                                                                                                                                  | rehabilitation must comply with the objectives in Table 1:<br>Table 1: Rehabilitation Objectives <table border="1"> <thead> <tr> <th>Feature</th> <th>Objective</th> </tr> </thead> <tbody> <tr> <td>Site (as a whole)</td> <td> <ul style="list-style-type: none"> <li>• Safe, stable and non-polluting</li> <li>• Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and minimising visual impacts when viewed from surrounding land</li> </ul> </td> </tr> <tr> <td>Surface Infrastructure</td> <td> <ul style="list-style-type: none"> <li>• Decommissioned and removed, unless the Secretary agrees otherwise</li> </ul> </td> </tr> <tr> <td>Quarry Pit Floor</td> <td>                     Landscaped and revegetated using improved pasture species, native trees and understorey species                 </td> </tr> <tr> <td>Final Void</td> <td> <ul style="list-style-type: none"> <li>• Minimise the height and slope of batters</li> <li>• Minimise the drainage catchment</li> </ul> </td> </tr> <tr> <td>Community</td> <td> <ul style="list-style-type: none"> <li>• Ensure public safety</li> <li>• Minimise the adverse socio-economic effects of quarry closure</li> </ul> </td> </tr> <tr> <td>Water Quality</td> <td> <ul style="list-style-type: none"> <li>• Water retained on the site is fit for the intended post-mining land use/s</li> <li>• Water discharged from the site is suitable for receiving waters and fit for aquatic ecology and riparian vegetation</li> </ul> </td> </tr> </tbody> </table> | Feature         | Objective                                                                  | Site (as a whole) | <ul style="list-style-type: none"> <li>• Safe, stable and non-polluting</li> <li>• Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and minimising visual impacts when viewed from surrounding land</li> </ul> | Surface Infrastructure | <ul style="list-style-type: none"> <li>• Decommissioned and removed, unless the Secretary agrees otherwise</li> </ul> | Quarry Pit Floor | Landscaped and revegetated using improved pasture species, native trees and understorey species | Final Void | <ul style="list-style-type: none"> <li>• Minimise the height and slope of batters</li> <li>• Minimise the drainage catchment</li> </ul> | Community | <ul style="list-style-type: none"> <li>• Ensure public safety</li> <li>• Minimise the adverse socio-economic effects of quarry closure</li> </ul> | Water Quality | <ul style="list-style-type: none"> <li>• Water retained on the site is fit for the intended post-mining land use/s</li> <li>• Water discharged from the site is suitable for receiving waters and fit for aquatic ecology and riparian vegetation</li> </ul> | for the Sand Quarry, Roberts Rd Maroota, NSW, 5072 RP R2, 16/03/2018 | Objectives addressed in Section 2, Table 1 Rehabilitation Objectives. Water Quality addressed in Section 6.2.6 – Surface Water<br>Grevilleas and bottlebrushes planted along the northern boundary of the site. Site inspection found planted species were thriving.<br><br>Rehabilitation of the site has been undertaken with reporting on rehabilitation included in the Annual Reviews.<br>Weed inspections had been conducted monthly |  |  |
| Feature                           | Objective                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                            |                   |                                                                                                                                                                                                                                                                  |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Site (as a whole)                 | <ul style="list-style-type: none"> <li>• Safe, stable and non-polluting</li> <li>• Final landform integrated with surrounding natural landforms as far as is reasonable and feasible, and minimising visual impacts when viewed from surrounding land</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                            |                   |                                                                                                                                                                                                                                                                  |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Surface Infrastructure            | <ul style="list-style-type: none"> <li>• Decommissioned and removed, unless the Secretary agrees otherwise</li> </ul>                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                            |                   |                                                                                                                                                                                                                                                                  |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Quarry Pit Floor                  | Landscaped and revegetated using improved pasture species, native trees and understorey species                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                            |                   |                                                                                                                                                                                                                                                                  |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Final Void                        | <ul style="list-style-type: none"> <li>• Minimise the height and slope of batters</li> <li>• Minimise the drainage catchment</li> </ul>                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                            |                   |                                                                                                                                                                                                                                                                  |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Community                         | <ul style="list-style-type: none"> <li>• Ensure public safety</li> <li>• Minimise the adverse socio-economic effects of quarry closure</li> </ul>                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                            |                   |                                                                                                                                                                                                                                                                  |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Water Quality                     | <ul style="list-style-type: none"> <li>• Water retained on the site is fit for the intended post-mining land use/s</li> <li>• Water discharged from the site is suitable for receiving waters and fit for aquatic ecology and riparian vegetation</li> </ul>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                            |                   |                                                                                                                                                                                                                                                                  |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| <b>Progressive Rehabilitation</b> |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                            |                   |                                                                                                                                                                                                                                                                  |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| 71.                               | 59                                                                                                                                                                                                                                                               | The Applicant shall rehabilitate the site progressively, that is, as soon as reasonably practicable following disturbance. All reasonable and feasible measures must be taken to minimise the total area exposed for dust generation at any time. Interim stabilisation measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Site Inspection | Rehabilitation has been progressively completed as areas become available. | Compliant         |                                                                                                                                                                                                                                                                  |                        |                                                                                                                       |                  |                                                                                                 |            |                                                                                                                                         |           |                                                                                                                                                   |               |                                                                                                                                                                                                                                                              |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |

| JHC Ref No                                          | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Evidence                                                                                                      | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Compliance rating    | Issue #      |
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|                                                     |           | <p>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>Note: It is accepted that parts of the site that are progressively rehabilitated may be subject to further disturbance in future.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |              |
| <b>Landscape and Rehabilitation Management Plan</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |              |
| 72.                                                 | 60        | <p>The Applicant shall prepare a Landscape and Rehabilitation Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <p>(a) be submitted to the Secretary for approval by 30 June 2017, unless otherwise agreed by the Secretary;</p> <p>(b) provide details of the conceptual final landform and associated land uses for the site;</p> <p>(c) describe the short, medium and long-term measures that would be implemented to ensure compliance with the rehabilitation objectives and progressive rehabilitation obligations in this consent;</p> <p>(d) include a detailed description of the measures that would be implemented over the next 3 years (to be updated for each 3 year period following the 3 years covered by the initial approval of the plan) including the procedures to be implemented for:</p> <ul style="list-style-type: none"> <li>• maximising the salvage of environmental resources within the approved disturbance area for beneficial reuse;</li> <li>• protecting vegetation and fauna habitat outside the approved disturbance area on-site;</li> <li>• minimising the impacts on native fauna;</li> <li>• landscaping the site to minimise visual and lighting impacts;</li> <li>• reviewing improved pasture species and application rates;</li> </ul> | <p>Landscape and Rehabilitation Plan for the Sand Quarry, Roberts Rd Maroota, NSW, 5072 RP R2, 16/03/2018</p> | <p>Rehabilitation Plan developed and implemented.</p> <p>Objectives addressed in Section 2, Table 1 Rehabilitation Objectives. Water Quality addressed in Section 6.2.6 – Surface Water</p> <p>The Landscape and Rehabilitation Plan has not been updated each 3 year period, or following approval of DA 267-11-99 Mod 4.</p> <p><b>Recommendation:</b><br/>A process should be implemented to ensure that the Landscape and Rehabilitation Plan is reviewed at least 3 yearly as required by 60(d) and following changes to conditions of approval (Condition 67).</p> | <b>Not compliant</b> | <b>NC-08</b> |

| JHC Ref No                                  | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Evidence                                                                                                                                                                                                 | Finding and Recommendations                                                                                                                                                                                                                                                | Compliance rating    | Issue #      |
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|                                             |           | <ul style="list-style-type: none"> <li>• controlling weeds and feral pests;</li> <li>• controlling erosion;</li> <li>• controlling access; and</li> <li>• bushfire management;</li> </ul> (e) include a program to monitor and report on the effectiveness of these measures, and progress against the performance and completion criteria;<br>(f) include a mass balance calculation to ensure that appropriate volumes of material are available to implement the final landform as described in this plan;<br>(g) provide for the construction and maintenance of the process water dam in accordance with the approved design and construction criteria (see Condition 42(b));<br>(h) identify the potential risks to the successful rehabilitation of the site, and include a description of the contingency measures that would be implemented to mitigate these risks; and<br>(i) include details of who would be responsible for monitoring, reviewing, and implementing the plan.<br>The Applicant shall implement the management plan as approved from time to time by the Secretary |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                            |                      |              |
| <b>Conservation and Rehabilitation Bond</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                            |                      |              |
| 73.                                         | 61        | By 31 December 2017, the Applicant shall lodge a Conservation and Rehabilitation Bond with the Department to ensure that the management of biodiversity and the rehabilitation of the site are implemented in accordance with the performance and completion criteria set out in the Flora and Fauna Management Plan and Landscape and Rehabilitation Plan. The sum of the bond shall be determined by:<br>(a) calculating the cost of rehabilitating the site taking into account the likely surface disturbance over the following 3 years of quarrying operations; and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Letter to DPE 23/10/2020 seeking instructions on lodgement of the bond<br>Letter from DPE 2/11/2021 providing approval of suitably qualified persons to prepare the Conservation and Rehabilitation Bond | Rehabilitation Plan containing calculation approved Aug 2018. VGT were approved to prepare the Conservation and Rehabilitation Bond via letter dated 02/11/2021.<br><br>The Conservation and Rehabilitation Bond has not been submitted to date.<br><b>Recommendation:</b> | <b>Not Compliant</b> | <b>NC-06</b> |

| JHC Ref No                               | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Evidence                                                                                       | Finding and Recommendations                                                                                                                                                                                                                                      | Compliance rating | Issue # |
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|                                          |           | (b) employing a suitably qualified quantity surveyor or other expert to verify the calculated costs, to the satisfaction of the Secretary.<br>Note: If the rehabilitation of the site is completed to the satisfaction of the Secretary, then the Secretary will release the bond. If the rehabilitation of the site is not completed to the satisfaction of the Secretary, then the Secretary will call in all or part of the bond, and arrange for the completion of the relevant works.                                  |                                                                                                | The Conservation and Rehabilitation Bond should be finalised and lodged to DPE                                                                                                                                                                                   |                   |         |
| 74.                                      | 62        | Within 3 months of each Independent Environmental Audit (see Condition 70), the Applicant shall review, and if necessary revise, the sum of the Conservation and Rehabilitation Bond to the satisfaction of the Secretary. This review must consider the:<br>(a) effects of inflation;<br>(b) likely cost of rehabilitating the site (taking into account the likely surface disturbance over the next 3 years of the development); and<br>(c) performance of the implementation of the rehabilitation of the site to date. |                                                                                                | Conservation and Rehabilitation Bond yet to be finalised.                                                                                                                                                                                                        | Not Triggered     |         |
| <b>ENVIRONMENTAL MANAGEMENT</b>          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                |                                                                                                                                                                                                                                                                  |                   |         |
| <b>Environmental Management Strategy</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                |                                                                                                                                                                                                                                                                  |                   |         |
| 75.                                      | 63        | The Applicant shall prepare an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must:<br>(a) be submitted to the Secretary for approval by 30 June 2016;<br>(b) provide the strategic framework for environmental management of the development;<br>(c) identify the statutory approvals that apply to the development;                                                                                                                                            | Environmental Management Strategy for the Sand Quarry, Roberts Rd Maroota, NSW, R3, 26/07/2018 | <ul style="list-style-type: none"> <li>a. First draft issued 2016.</li> <li>b. Section 1.2 - Scope</li> <li>c. Section 2 – Statutory Approvals</li> <li>d. Section 3 – Key Personnel</li> <li>e. Section 4 Procedures</li> <li>f. Appendix A, B, C, D</li> </ul> | Compliant         |         |

| JHC Ref No                 | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Evidence | Finding and Recommendations                                                                                                                                                                                                                             | Compliance rating    | Issue #      |
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|                            |           | <p>(d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;<br/>(e) describe the procedures that would be implemented to:</p> <ul style="list-style-type: none"> <li>• keep the local community and relevant agencies informed about the operation and environmental performance of the development;</li> <li>• receive, handle, respond to, and record complaints;</li> <li>• resolve any disputes that may arise during the course of the development;</li> <li>• respond to any non-compliance;</li> <li>• respond to emergencies; and</li> </ul> <p>(f) include:</p> <ul style="list-style-type: none"> <li>• copies of any strategies, plans and programs approved under the conditions of this consent;</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>• a clear plan depicting all the monitoring required to be carried out in relation to the development.</li> </ul> <p>The Environmental Management Strategy is to include a copy of the sequence of extraction as updated under Modification 2, with all dam areas on the site clearly labelled and described.</p> <p>The Applicant shall implement the approved strategy as approved from time to time by the Secretary.</p> |          |                                                                                                                                                                                                                                                         |                      |              |
| <b>Adaptive Management</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                         |                      |              |
| 76.                        | 64        | <p>The Applicant shall assess and manage development-related risks to ensure that there are no exceedances of the criteria and/or performance measures in this Consent. Any exceedance of these criteria and/or performance measures constitutes a breach of this Consent and may be subject to penalty or offence provisions under the EP&amp;A Act or EP&amp;A Regulation.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          | <p>Exceedance of PM<sub>2.5</sub> criteria in October 2021 a result of local bushfire.<br/>Exceedance of Dust deposition criteria in 2022. Exceedance was found to be the result of contamination of the ample with sand as a result of maintenance</p> | <b>Not Compliant</b> | <b>NC-07</b> |

| JHC Ref No                          | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Evidence | Finding and Recommendations                                                                                                                                                                                                                                                                                                    | Compliance rating | Issue # |
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|                                     |           | <p>Where any exceedance of these criteria and/or performance measures has occurred, the Applicant must, at the earliest opportunity:</p> <p>(a) take all reasonable and feasible steps to ensure that the exceedance ceases and does not recur;</p> <p>(b) consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any preferred remediation measures or other course of action; and</p> <p>(c) implement remediation measures as directed by the Secretary, to the satisfaction of the Secretary.</p>                                                                                                                                                                                                                                                                                                                                                                               |          | <p>activities in the near vicinity of the dust gauge, and not the result of dust generated by the project. Both exceedances were reported to DPE with no further action required.</p> <p><b>Recommendation:</b><br/>Neither exceedance was the result of dust generation by quarry activities. No further action required.</p> |                   |         |
| <b>Management Plan Requirements</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |                                                                                                                                                                                                                                                                                                                                |                   |         |
| 77.                                 | 65        | <p>The Applicant shall ensure that the management plans required under this Consent are prepared in accordance with any relevant guidelines, and include:</p> <p>(a) detailed baseline data;</p> <p>(b) a description of:</p> <ul style="list-style-type: none"> <li>• the relevant statutory requirements (including any relevant approval, licence or lease conditions);</li> <li>• any relevant limits or performance measures/criteria;</li> <li>• 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;</li> </ul> <p>(c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;</p> <p>(d) a program to monitor and report on the:</p> <ul style="list-style-type: none"> <li>• impacts and environmental performance of the development;</li> </ul> |          | <p>Management plans have been developed in accordance with the requirements of the consent. Verified previous audit.</p> <p>Periodic review</p>                                                                                                                                                                                | Compliant         |         |

| JHC Ref No           | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Evidence                                                                                                                                                                                                                       | Finding and Recommendations                                                                                                                                                                                                                                                                                                  | Compliance rating | Issue # |
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|                      |           | <ul style="list-style-type: none"> <li>effectiveness of any management measures (see c above);</li> <li>(e) a contingency plan to manage any unpredicted impacts and their consequences;</li> <li>(f) a program to investigate and implement ways to improve the environmental performance of the development over time;</li> <li>(g) a protocol for managing and reporting any:                             <ul style="list-style-type: none"> <li>incidents;</li> <li>complaints;</li> <li>non-compliances with statutory requirements; and</li> <li>exceedances of the impact assessment criteria and/or performance criteria; and</li> </ul> </li> <li>(h) a protocol for periodic review of the plan.</li> </ul> <p>Note: The Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</p> |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                              |                   |         |
| <b>Annual Review</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                              |                   |         |
| 78.                  | 66        | <p>By the end of March each year (or as otherwise agreed by the Secretary), the Applicant shall review the environmental performance of the development for the previous calendar year to the satisfaction of the Secretary. This review must:</p> <p>(a) describe the development (including any rehabilitation) that was carried out in the past calendar year, and the development that is proposed to be carried out over the current calendar year;</p> <p>(b) include a comprehensive review of the monitoring results and complaints records of the development over the past year, which includes a comparison of these results against the:</p> <ul style="list-style-type: none"> <li>relevant statutory requirements, limits or performance measures/criteria;</li> <li>monitoring results of previous years; and</li> </ul>                       | <p>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2020.</p> <p>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2021</p> | <ul style="list-style-type: none"> <li>a. Section 3 Introduction</li> <li>b. Section 6 Environmental Management</li> <li>c. Section 2 Statement of Compliance</li> <li>d. Section 6 Environmental Management</li> <li>e. Section 6 Environmental Management</li> <li>f. Section 8 – Opportunities for Improvement</li> </ul> | Compliant         |         |

| JHC Ref No                                        | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Evidence | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                               | Compliance rating    | Issue #      |
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|                                                   |           | <ul style="list-style-type: none"> <li>relevant predictions in the EIS, Modification 1 and Modification 2;</li> </ul> (c) identify any non-compliance over the last year, and describe what actions were (or are being) taken to ensure compliance;<br>(d) identify any trends in the monitoring data over the life of the development;<br>(e) identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and<br>(f) describe what measures will be implemented over the next year to improve the environmental performance of the development.                                                                                                                                                                                                                                    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |
| <b>Revision of Strategies, Plans and Programs</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |
| 79.                                               | 67        | Within 3 months of the submission of:<br>(a) an annual review under Condition 66 above;<br>(b) an incident report under Condition 68 below;<br>(c) an audit report under Condition 70 below; or<br>(d) any modification to the conditions of this Consent (unless the conditions require otherwise), the Applicant shall review, and if necessary revise, the strategies, plans, and programs required under this Consent to the satisfaction of the Secretary.<br>Where this review leads to revisions in any such document, then within 4 weeks of the review, unless the Secretary agrees otherwise, the revised document must be submitted to the Secretary for approval.<br>Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the development. |          | Reviews not completed within 3 months of approval of by DA 267-11-99 Mod 4.<br>No evidence that plans were reviewed following annual reviews.<br><b>Recommendation:</b><br>Hodgson Quarries should ensure that a process is implemented to review, and if required update, the strategies, plans, and programs required under this Consent in accordance with Condition 66. The outcomes of the review should be submitted to the Secretary for approval. | <b>Not Compliant</b> | <b>NC-08</b> |



| JHC Ref No                         | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Evidence                                                      | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                | Compliance rating    | Issue #      |
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| <b>REPORTING AND AUDITING</b>      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |
| <b>Incident Notification</b>       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |
| 80.                                | 68        | 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 via the Major Projects Website and identify the development (including the development application number and name) and set out the location and nature of the incident.                                                                                                                                                                                        |                                                               | Note: Condition included following approval of DA 267-11-99 Mod 4 on 13 August 2021.<br>An exceedance of site PM <sub>2.5</sub> dust criteria occurred in September 2021 as a result of a local grassfire. The exceedance was not reported to DPE in accordance with Condition 68.<br><b>Recommendation:</b><br>Hodgson Quarries should ensure that all incidents, including exceedances of site monitoring criteria, are reported to DPE in accordance with Condition 68. | <b>Not Compliant</b> | <b>NC-09</b> |
| <b>Non-Compliance Notification</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |
| 81.                                | 68A       | 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 via the Major Projects Website and identify the development (including the development application number and name), set out the condition of this consent that the development is non-compliant with, 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. | No non-compliances have been identified since 13 August 2021. | Note: Condition included following approval of DA 267-11-99 Mod 4 on 13 August 2021.<br>No non-compliances have been identified since 13 August 2021. Non-compliances identified in the 2021 Annual Review had not been notified to DPE via the Major Projects Website.<br><b>Recommendation:</b><br>All non-compliances should be notified to DPE be in writing via the Major Projects Website and identify the development (including the development application number | <b>Not Compliant</b> | <b>NC-10</b> |

| JHC Ref No                             | Cond. No. | Condition                                                                                                                                                                                                                                                              | Evidence                                                                                                      | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                           | Compliance rating    | Issue #      |
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|                                        |           |                                                                                                                                                                                                                                                                        |                                                                                                               | and name), set out 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.                                                                                                                                                                                                  |                      |              |
| <b>Regular Reporting</b>               |           |                                                                                                                                                                                                                                                                        |                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |
| 82.                                    | 69        | The Applicant shall provide regular reporting on the environmental performance of the development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this Consent.                                | <a href="https://www.vgt.com.au/hodgsons">https://www.vgt.com.au/hodgsons</a>                                 | <p>A project website has been developed in accordance with this condition.</p> <p>Website includes:</p> <ul style="list-style-type: none"> <li>• Annual Reviews and Compliance Reports</li> <li>• Current Planning Consent</li> <li>• Environmental Assessments</li> <li>• Independent Environmental Audit and response</li> <li>• Environmental Management Plans</li> <li>• Monitoring Results</li> <li>• Complaints Register</li> <li>• Link to EPL 6535</li> </ul> | Compliant            |              |
| <b>INDEPENDENT ENVIRONMENTAL AUDIT</b> |           |                                                                                                                                                                                                                                                                        |                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |
| 83.                                    | 70        | Every 3 years from the date of this consent and at the completion of works under this consent, unless the Secretary directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the development. This audit must: | Independent Environmental Audit Maroota Sand Quarry - DA 267-11-99-PA-1, 5/08/2020 RPS Australia East Pty Ltd | <p>Previous Independent Environmental Audit conducted 4 June 2020.</p> <ol style="list-style-type: none"> <li>a. Auditor approval included in IEA report.</li> <li>b. Appendix B – Consultation</li> <li>c. Section 4 – Audit Findings</li> </ol>                                                                                                                                                                                                                     | <b>Not Compliant</b> | <b>NC-11</b> |

| JHC Ref No                   | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Evidence                                                                                                             | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                  | Compliance rating | Issue # |
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|                              |           | <p>(a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;</p> <p>(b) include consultation with the relevant agencies;</p> <p>(c) assess the environmental performance of the development and assess whether it is complying with the requirements in this Consent and any relevant EPL (including any assessment, plan or program required under these approvals);</p> <p>(d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and</p> <p>(e) recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, plan or program required under the abovementioned approvals.</p> <p>Note: This audit team must be led by a suitably qualified auditor and include experts in any field specified by the Secretary.</p> |                                                                                                                      | <p>d. Section 4 Audit Findings</p> <p>e. Section 5 Recommendations</p> <p>Current audit commenced 29 March 2023.</p> <p>Audits have not conducted within 3 years of the date of the consent (18 March).</p> <p><b>Recommendation:</b></p> <p>Hodgson Quarries should ensure that audit are planned and undertaken within 3 years of the date of consent.</p> |                   |         |
| 84.                          | 71        | <p>Within 6 weeks of the completion of this audit, unless the Secretary agrees otherwise, the Applicant shall submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>Independent Environmental Audit Maroota Sand Quarry - DA 267-11-99-PA-1, 5/08/2020 RPS Australia East Pty Ltd</p> | <p>Previous report submitted 20/08/2020.</p> <p>Audit conducted 4/06/2020.</p> <p>Completion of audit awaiting response from DPE to consultation request - provided 3/08/2020.</p>                                                                                                                                                                           | Compliant         |         |
| <b>ACCESS TO INFORMATION</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                              |                   |         |
| 85.                          | 72        | <p>By 30 June 2016 the Applicant shall:</p> <p>(a) make copies of the following publicly available on its website:</p> <ul style="list-style-type: none"> <li>• the documents identified in Condition 2(a) above;</li> <li>• current statutory approvals for the development;</li> <li>• approved strategies, plans and programs required under the conditions of this Consent;</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p><a href="https://www.vgt.com.au/hodgsons">https://www.vgt.com.au/hodgsons</a></p>                                 | <p>A project website has been developed in accordance with this condition.</p> <p>Website includes:</p> <ul style="list-style-type: none"> <li>• Annual Reviews and Compliance Reports</li> <li>• Current Planning Consent</li> </ul>                                                                                                                        | Compliant         |         |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Evidence | Finding and Recommendations                                                                                                                                                                                                                                          | Compliance rating | Issue # |
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|            |           | <ul style="list-style-type: none"> <li>• a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this Consent, or any approved plans and programs;</li> <li>• a complaints register, which is to be updated monthly;</li> <li>• the annual reviews of the development (for the last 5 years, if applicable);</li> <li>• any independent environmental audit of the development, and the Applicant’s response to the recommendations in any audit;</li> <li>• any other matter required by the Secretary; and</li> </ul> <p>(b) keep this information up-to-date, to the satisfaction of the Secretary.’</p> |          | <ul style="list-style-type: none"> <li>• Environmental Assessments</li> <li>• Independent Environmental Audit and response</li> <li>• Environmental Management Plans</li> <li>• Monitoring Results</li> <li>• Complaints Register</li> </ul> <p>Link to EPL 6535</p> |                   |         |

7. Environmental Protection Licence No 6535

| JHC Ref No                                   | Cond. No.                        | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Evidence           | Finding and Recommendations | Compliance rating | Issue No                         |                                  |                                                |                       |                                |                                                                  |                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                  |           |  |
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| <b>ENVIRONMENTAL PROTECTION LICENCE 6535</b> |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                             |                   |                                  |                                  |                                                |                       |                                |                                                                  |                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                  |           |  |
| 1.                                           | A1.1                             | <p>This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity</p> <p>classification and the scale of the operation.<br/>                     Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.</p> <table border="1"> <thead> <tr> <th>Scheduled Activity</th> <th>Fee Based Activity</th> <th>Scale</th> </tr> </thead> <tbody> <tr> <td>Crushing, grinding or separating</td> <td>Crushing, grinding or separating</td> <td>&gt; 100000 - 500000 T annual processing capacity</td> </tr> <tr> <td>Extractive activities</td> <td>Land-based extractive activity</td> <td>&gt; 100000 - 500000 T annual capacity to extract, process or store</td> </tr> </tbody> </table> | Scheduled Activity | Fee Based Activity          | Scale             | Crushing, grinding or separating | Crushing, grinding or separating | > 100000 - 500000 T annual processing capacity | Extractive activities | Land-based extractive activity | > 100000 - 500000 T annual capacity to extract, process or store | <p>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99, Year Ending 31st December 2020</p> <p>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99, Year Ending 31st December 2021</p> <p>Draft Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99, Year Ending 31st December 2020</p> | <p>Stockpiled material &lt; 10,000T<br/>                     2020 – 56,894 Tonnes<br/>                     2021 – 95988 Tonnes<br/>                     2022 – 75,054 Tonnes</p> | Compliant |  |
| Scheduled Activity                           | Fee Based Activity               | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                             |                   |                                  |                                  |                                                |                       |                                |                                                                  |                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                  |           |  |
| Crushing, grinding or separating             | Crushing, grinding or separating | > 100000 - 500000 T annual processing capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                             |                   |                                  |                                  |                                                |                       |                                |                                                                  |                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                  |           |  |
| Extractive activities                        | Land-based extractive activity   | > 100000 - 500000 T annual capacity to extract, process or store                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                             |                   |                                  |                                  |                                                |                       |                                |                                                                  |                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                  |           |  |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Evidence                                                                                                                                                                                                                                                                                                                                      | Finding and Recommendations                                                                                                        | Compliance rating    | Issue No     |
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| 2.         | A3.1      | <p>Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.</p> <p>In this condition the reference to "the licence application" includes a reference to:</p> <p>a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and</p> <p>b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.</p> |                                                                                                                                                                                                                                                                                                                                               | <p>Non-compliances have been identified with the requirements of EPL 6535, which trigger a non-compliance with this condition.</p> | <b>Not Compliant</b> | <b>NC-12</b> |
| 3.         | L1.1      | <p>Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                               | <p>No water pollution has occurred</p>                                                                                             | Compliant            |              |
| 4.         | L2.1      | <p>Noise from the premises must not exceed the sound pressure level expressed as LA10 (15 minute) of 45 dB(A), except as expressly provided by this licence.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>Noise Monitoring Assessment<br/>                     Hodgson Quarries and Plant Pty Ltd, Doc ID<br/>                     MAC160257RP5V1,<br/>                     1/12/2020.</p> <p>Noise Monitoring Assessment<br/>                     Hodgson Quarries and Plant Pty Ltd, Doc ID<br/>                     MAC160257RP6, 28.10/2021.</p> | <p>Noise monitoring conducted showed noise levels from quarrying operations were below site criteria.</p>                          | Compliant            |              |

| JHC Ref No                  | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                | Evidence                                                                                                                                                             | Finding and Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Compliance rating    | Issue No     |
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| <b>Operating Conditions</b> |           |                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |              |
| 5.                          | O1.1      | <p>Licensed activities must be carried out in a competent manner.</p> <p>This includes:</p> <ul style="list-style-type: none"> <li>a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and</li> <li>b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.</li> </ul> | <p>Site Inspection</p> <p>Cleanaway Invoice No 12571003 for Removal of Clear 1.5m Bin, December 2022</p> <p>Cleanaway Invoice No 12571003 12579357, January 2023</p> | <p>During the current audit, it was found that oils and chemicals had been stored in unbunded locations.</p> <p>In addition, waste material, including used tyres was present in various locations on site.</p> <p><b>Recommendation:</b></p> <p>All chemical and hydrocarbon containers should be stored in a banded area.</p> <p>Waste material stored on site should be gathered and removed by the licenced contractor.</p> <p>Metal parts stored in various locations on site should be sorted and stored in a single location in a neat and tidy manner.</p> <p>Consider reducing the quantity of containers on site to enable storage within the existing banded facility.</p> | <b>Not Compliant</b> | <b>NC-13</b> |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                      | Evidence                                                                                                                                            | Finding and Recommendations                                                                                                                                                                                                                                                                 | Compliance rating | Issue No |
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| 6.         | O2.1      | All plant and equipment installed at the premises or used in connection with the licensed activity:<br>a) must be maintained in a proper and efficient condition; and<br>b) must be operated in a proper and efficient manner. | Record of Maintenance Work – Ezystock<br>Conveyor3/01/2017 to 19/08/2022<br>L180G 13/09/2021 to 26/10/2022<br>ZX330 Excavator 7/04/2021, 21/10/2022 | Records were available to verify that equipment had been maintained.                                                                                                                                                                                                                        | Compliant         |          |
| 7.         | O3.1      | The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises                                                                                                              | Site Inspection                                                                                                                                     | Water cart used for suppressing traffic generated dust.<br>Water sprays provided for stackers to prevent dust generation during stockpiling.<br>No dust was being generated on the day of audit.<br>Dust deposition monitoring results show dust generation has been adequately controlled. | Compliant         |          |
| 8.         | O3.2      | All loaded trucks entering or leaving the premises must have their loads covered.                                                                                                                                              | Site inspection                                                                                                                                     | Verified during site inspection.                                                                                                                                                                                                                                                            | Compliant         |          |
| 9.         | O4.1      | The licensee must prevent any tracking of mud on to public roads by vehicles leaving the premises.                                                                                                                             | Site inspection                                                                                                                                     | Pebble road to weighbridge.<br>Concrete between weighbridge and road to minimise offsite migration of dust.<br>Mud was not being tracked offsite on the day of audit.                                                                                                                       | Compliant         |          |



| JHC Ref No                               | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                   | Evidence                                                                                                                                                                                          | Finding and Recommendations                                                                              | Compliance rating | Issue No |
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| <b>Monitoring Conditions</b>             |           |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                   |                                                                                                          |                   |          |
| 10.                                      | M1.1      | The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.                                                                                                                                                                           | <a href="https://www.vgt.com.au/hodgsons">https://www.vgt.com.au/hodgsons</a>                                                                                                                     | Monitoring results are documented and published on the project website                                   | Compliant         |          |
| 11.                                      | M1.2      | All records required to be kept by this licence must be:<br>a) in a legible form, or in a form that can readily be reduced to a legible form;<br>b) kept for at least 4 years after the monitoring or event to which they relate took place; and<br>c) produced in a legible form to any authorised officer of the EPA who asks to see them | <a href="https://www.vgt.com.au/hodgsons">https://www.vgt.com.au/hodgsons</a>                                                                                                                     | Monitoring results are documented and published on the project website.                                  | Compliant         |          |
| 12.                                      | M1.3      | The following records must be kept in respect of any samples required to be collected for the purposes of this licence:<br>a) the date(s) on which the sample was taken;<br>b) the time(s) at which the sample was collected;<br>c) the point at which the sample was taken; and<br>d) the name of the person who collected the sample.     | Hodgson Maroota - Dusts Report Number: 14354, 17/03/2023 Revision Number: 00.<br>VGT Chain of Custody Form 8/03/2023<br>Hodgson Maroota HVAS Report Number: 14355, 15/03/2023 Revision Number: 00 | Monitoring reports include required information.                                                         | Compliant         |          |
| <b>Recording of pollution complaints</b> |           |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                   |                                                                                                          |                   |          |
| 13.                                      | M2.1      | The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.                                                                                                                                   | Hodgsons Quarries Complaints Register Date published: 7/02/2023                                                                                                                                   | Complaints Register maintained and published on the project website.<br>No complaints have been received | Compliant         |          |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Evidence                                                                                         | Finding and Recommendations                                                                                                                  | Compliance rating | Issue No |
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| 14.        | M2.2      | The record must include details of the following:<br>a) the date and time of the complaint;<br>b) the method by which the complaint was made;<br>c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;<br>d) the nature of the complaint;<br>e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and<br>f) if no action was taken by the licensee, the reasons why no action was taken. | Hodgsons Quarries Complaints Register Date published:<br>7/02/2023                               | No complaints have been received<br><br>Complaints form verified                                                                             | Compliant         |          |
| 15.        | M2.3      | The record of a complaint must be kept for at least 4 years after the complaint was made.                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Hodgsons Quarries Complaints Register Date published:<br>7/02/2023                               | Complaints Register (January 2011 to February 2023) maintained and published on the project website.<br><br>No complaints have been received | Compliant         |          |
| 16.        | M2.4      | The record must be produced to any authorised officer of the EPA who asks to see them.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                  | Complaints Register readily available                                                                                                        | Compliant         |          |
| 17.        | M3.1      | The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.                                                                                                                                                                                                                                                            | <a href="https://www.vgt.com.au/hodgsons">https://www.vgt.com.au/hodgsons</a><br>Site inspection | Telephone number displayed at site entry and on project website                                                                              | Compliant         |          |
| 18.        | M3.2      | The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.                                                                                                                                                                                                                                                                                                                                                                  | <a href="https://www.vgt.com.au/hodgsons">https://www.vgt.com.au/hodgsons</a><br>Site inspection | Telephone number displayed at site entry and on project website                                                                              | Compliant         |          |
| 19.        | M.3       | The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                  |                                                                                                                                              | Compliant         |          |

| JHC Ref No                     | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Evidence                                                                                                                                                                                                                                                                                                                                                            | Finding and Recommendations                                                                                               | Compliance rating | Issue No |
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| <b>Reporting Conditions</b>    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                           |                   |          |
| <b>Annual Return Documents</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                           |                   |          |
| 20.                            | R1.1      | <p>The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:</p> <ol style="list-style-type: none"> <li>1. a Statement of Compliance,</li> <li>2. a Monitoring and Complaints Summary,</li> <li>3. a Statement of Compliance - Licence Conditions,</li> <li>4. a Statement of Compliance - Load based Fee,</li> <li>5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,</li> <li>6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and</li> <li>7. a Statement of Compliance - Environmental Management Systems and Practices.</li> </ol> <p>At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.</p> | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=6535&amp;id=6535&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=6535&amp;id=6535&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> | <p>Annual Returns completed via eConnect.</p> <p>EPA Public Register shows Annual returns had been provided annually.</p> | Compliant         |          |
| 21.                            | R1.2      | <p>An Annual Return must be prepared in respect of each reporting period, except as provided below.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=6535&amp;id=6535&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=6535&amp;id=6535&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> | <p>EPA Public Register shows Annual returns had been provided annually.</p>                                               | Compliant         |          |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Evidence                                                                                                                                                                                                                                                                                                                                                            | Finding and Recommendations                                                               | Compliance rating | Issue No |
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| 22.        | R1.3      | Where this licence is transferred from the licensee to a new licensee:<br>a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and<br>b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period. |                                                                                                                                                                                                                                                                                                                                                                     | Licence has not been transferred.                                                         | Not Triggered     |          |
| 23.        | R1.4      | Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:<br>a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or<br>b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.                                                       |                                                                                                                                                                                                                                                                                                                                                                     | Licence has not been surrendered.                                                         | Not Triggered     |          |
| 24.        | R1.5      | The Annual Return for the reporting period must be supplied to the EPA via eConnect EPA or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').                                                                                                                                                                                                                        | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=6535&amp;id=6535&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=6535&amp;id=6535&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> | 2020 – Submitted 8/04/2021<br>2021 – submitted 7/04/2022<br>2022 – Not due at this stage. | Compliant         |          |
| 25.        | R1.6      | The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.                                                                                                                                                                                                                                                                                                                                                         | 2021-2022 Annual Return                                                                                                                                                                                                                                                                                                                                             | Copy verified on site.                                                                    | Compliant         |          |

| JHC Ref No                                   | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Evidence                | Finding and Recommendations                                                 | Compliance rating | Issue No |
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| 26.                                          | R1.7      | <p>Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:</p> <ul style="list-style-type: none"> <li>a) the licence holder; or</li> <li>b) b) by a person approved in writing by the EPA to sign on behalf of the licence holder.</li> </ul> <p>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.</p> <p>Note: An application to transfer a licence must be made in the approved form for this purpose.</p> | 2021-2022 Annual Return | Signed by Martin Hodgson                                                    | Compliant         |          |
| <b>R2 Notification of environmental harm</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |                                                                             |                   |          |
| 27.                                          | R2.1      | Notifications must be made by telephoning the Environment Line service on 131 555.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         | No environmental harm as a result of quarry activities has been identified. | Not Triggered     |          |
| 28.                                          | R2.2      | <p>The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.</p> <p>(The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act).</p>                                                                                                                                                                                                  |                         | No environmental harm as a result of quarry activities has been identified. | Not Triggered     |          |

| JHC Ref No | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Evidence | Finding and Recommendations                                                 | Compliance rating | Issue No |
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| 29.        | R3.1      | Where an authorised officer of the EPA suspects on reasonable grounds that:<br>a) where this licence applies to premises, an event has occurred at the premises; or<br>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),<br>the authorised officer may request a written report of the event. |          | No environmental harm as a result of quarry activities has been identified. | Not Triggered     |          |
| 30.        | R3.2      | The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.                                                                                                                                                                                                                                                                                                                                                                                                                        |          | No environmental harm as a result of quarry activities has been identified. | Not Triggered     |          |

| JHC Ref No                | Cond. No. | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Evidence | Finding and Recommendations                                                 | Compliance rating | Issue No |
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| 31.                       | R3.3      | The request may require a report which includes any or all of the following information:<br>a) the cause, time and duration of the event;<br>b) the type, volume and concentration of every pollutant discharged as a result of the event;<br>c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;<br>d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;<br>e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;<br>f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and<br>g) any other relevant matters. |          | No environmental harm as a result of quarry activities has been identified. | Not Triggered     |          |
| 32.                       | R3.4      | The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          | No environmental harm as a result of quarry activities has been identified. | Not triggered     |          |
| <b>General Conditions</b> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |                                                                             |                   |          |
| 33.                       | G1.1      | A copy of this licence must be kept at the premises to which the licence applies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          | Copy available in hard copy and electronically in the office.               | Compliant         |          |
| 34.                       | G1.2      | The licence must be produced to any authorised officer of the EPA who asks to see it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          | Copy available in hard copy and electronically in the office.               | Compliant         |          |
| 35.                       | G1.3      | The licence must be available for inspection by any employee or agent of the licensee working at the premises.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          | Copy available in hard copy and electronically in the office.               | Compliant         |          |

8. Water Access Licence 24163

| ID No. | Condition No.        | WAL Requirement                                                                                                                                                                                                                                                                                                                                                                                                                             | Audit Evidence                                                                                                      | Audit Findings / Recommendation                                                                                                    | Compliance Descriptor | Issue No |
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|        | <b>Take of water</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                     |                                                                                                                                    |                       |          |
| 1      | MW0112-00001         | The maximum water allocation that may be carried over in the account for this access licence from one water year to the next water year is:<br>A. a volume equal to 100 % of the share component of the licence, or<br>B. 1 ML/unit share of the share component of the licence.                                                                                                                                                            |                                                                                                                     | The Quarry has not exceeded the maximum water allocation.<br>Water Share = 45ML<br>2020 – 7.8ML<br>2021 – 10.4ML<br>2022 – 11.27ML | Compliant             |          |
| 2      | MW0036-00002         | The volume of water taken in any three (3) consecutive water years from 1 July 2012 must be recorded in the logbook at the end of those three water years. The maximum volume of water permitted to be taken in those years must also be recorded in the logbook.                                                                                                                                                                           | Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99Year Ending 31st December 2022 – Appendix K | Records of pumping were recorded and published in Appendix K                                                                       | Compliant             |          |
| 3      | MW0605-00001         | Water must be taken in compliance with the conditions of the approval for the nominated work on this access licence through which water is to be taken.                                                                                                                                                                                                                                                                                     |                                                                                                                     | No non-compliances with the conditions of the water access licence have been identified.                                           | Compliant             |          |
| 4      | MW0670-00001         | Water must only be taken if there is visible flow in the water source at the location where water is to be taken.<br>This restriction does not apply if water is to be taken:<br>A. from an off-river pool, an in-river pool, a runoff harvesting dam or an in-river dam pool, or<br>B. from the following Weirs: Maldon, Douglas Park, Menangle, Camden, Sharpes, Cobbity, Mount Hunter Rivulet, Brownlow Hill, Theresa Park and Wallacia. |                                                                                                                     | No groundwater taken                                                                                                               | Not Triggered         |          |
|        | MW0013-00002         | A. Water must not be taken from the Lower Hawkesbury River Management Zone of Hawkesbury and Lower Nepean Rivers Water Source when flows are in the Very Low Flow Class.                                                                                                                                                                                                                                                                    |                                                                                                                     | Water taken from Maroota Tertiary Sands Groundwater Source and the Sydney Basin Central Groundwater Source.                        | Not triggered         |          |



| ID No. | Condition No. | WAL Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Audit Evidence                                                                                                                                                                                                                                                                                                                               | Audit Findings / Recommendation                                                                                                                                                   | Compliance Descriptor | Issue No |
|--------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|
|        |               | <p>B. This restriction will only apply when the system that confirms when water can be taken is available on the relevant licensor website.</p> <p>C. the relevant licensor will inform the licence holder in writing of the applicable restrictions and how to access the information on its website when this system becomes operative.</p> <p>This restriction does not apply if water is to be taken from a runoff harvesting dam or an in-river dam pool.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                   |                       |          |
| 5      | MW0004-00002  | <p>From 1 July 2012, the total volume of water taken in any three (3) consecutive water years under this access licence must not exceed a volume which is equal to the lesser of either:</p> <p>A. the sum of:</p> <ul style="list-style-type: none"> <li>i. water in the account from the available water determinations in those 3 consecutive water years, plus</li> <li>ii. water in the account carried over from the water year prior to those 3 consecutive water years, plus</li> <li>iii. any net amount of water assigned to or from this account under a water allocation assignment in those 3 consecutive water years, plus</li> <li>iv. any water re-credited by the Minister to the account in those 3 consecutive water years,</li> </ul> <p>or</p> <ul style="list-style-type: none"> <li>i. the share component of this licence at the beginning of the first year in those 3 consecutive water years, plus</li> <li>ii. the share component of this licence at the beginning of the second year in those 3 consecutive water years, plus</li> <li>iii. the share component of this licence at the beginning of the third year in those 3 consecutive water years, plus</li> <li>iv. any net amount of water assigned to or from this account under a water allocation assignment in those 3 consecutive water years, plus</li> <li>v. any water re-credited by the Minister to the account in those 3 consecutive water years.</li> </ul> | <p>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2020</p> <p>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2021</p> <p>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2022</p> | <p>The annual volume of water taken has not exceeded the maximum allowable quantity.</p> <p>Water Share = 45ML</p> <p>2020 – 7.8ML</p> <p>2021 – 10.4ML</p> <p>2022 – 11.27ML</p> | Compliant             |          |

| ID No.                          | Condition No. | WAL Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                  | Audit Evidence                                                                                                                                                                                                                                                                                                                | Audit Findings / Recommendation                                                            | Compliance Descriptor | Issue No |
|---------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------|----------|
| <b>Monitoring and recording</b> |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                               |                                                                                            |                       |          |
| 6                               | MW2338-00001  | The completed logbook must be retained for five (5) years from the last date recorded in the logbook.                                                                                                                                                                                                                                                                                                                                            | Pumping Records 2023                                                                                                                                                                                                                                                                                                          | Electronic Logbook maintained indefinitely                                                 | Compliant             |          |
| 7                               | MW2337-00001  | The following information must be recorded in the logbook for each period of time that water is taken:<br>A. date, volume of water, start and end time when water was taken as well as the pump capacity per unit of time, and<br>B. the access licence number under which the water is taken, and<br>C. the approval number under which the water is taken, and<br>D. the volume of water taken for domestic consumption and/or stock watering. | Pumping Records 2023                                                                                                                                                                                                                                                                                                          | Logbook includes required information                                                      | Compliant             |          |
| 8                               | MW2339-00001  | A logbook must be kept, unless the work is metered and fitted with a data logger. The logbook must be produced for inspection when requested by the relevant licensor.                                                                                                                                                                                                                                                                           | Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2020<br>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2021<br>Annual Review and Compliance Report for Maroota Sand Quarry DA 267-11-99 Year Ending 31st December 2022 | Logbook maintained. Records of water take are recorded and published in the Annual review. | Compliant             |          |
| <b>Reporting</b>                |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                               |                                                                                            |                       |          |
| 9                               | MW0051-00003  | Once the licence holder becomes aware of a breach of any condition on this access licence, the licence holder must notify the Minister as soon as practicable. The Minister must be notified by:                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                               | No breaches identified.                                                                    | Not Triggered         |          |

| ID No. | Condition No. | WAL Requirement                                                                                                                                                                                      | Audit Evidence | Audit Findings / Recommendation | Compliance Descriptor | Issue No |
|--------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------|-----------------------|----------|
|        |               | A. email: water.enquiries@dpi.nsw.gov.au,<br>or<br>B. telephone: 1800 353 104. Any notification by telephone must also be confirmed in writing within seven (7) business days of the telephone call. |                |                                 |                       |          |

## **Appendix E. Consultation Records**

**James Hart**

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**From:** Kristine McKenzie <kmckenzie@thehills.nsw.gov.au>  
**Sent:** Monday, 20 March 2023 11:53 AM  
**To:** james\_hart@bigpond.com

Hi James,

Thank you for the opportunity to comment on your upcoming Independent Environmental Audit in regard to DA 267-11-99.

The main issue I would raise is the provision and maintenance of bunding and landscape screening around the site and resultant visual impact from external properties. This is a matter I have raised previously with the Department of Planning and also in the previous site audit (undertaken June 2020). I would request that this matter be reviewed as part of your audit.

Please don't hesitate to call or email me if you wish to discuss this matter further.

Regards, Kristine



**Kristine McKenzie**

**Principal Coordinator Development Assessment**  
+61298430319 | kmckenzie@thehills.nsw.gov.au  
Administration Centre, 3 Columbia Court Norwest NSW 2153  
PO Box 7064, NORWEST NSW 2153 | DX 9966 Norwest  
[www.thehills.nsw.gov.au](http://www.thehills.nsw.gov.au)

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# Independent Environmental Audit – Roberts Road Maroota Quarry

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## James Hart

**From:** Steven Tan <Steven.Tan@epa.nsw.gov.au>  
**Sent:** Thursday, 23 March 2023 9:19 AM  
**To:** james\_hart@bigpond.com  
**Subject:** RE: Independent Environmental Audit - Roberts Road Maroota Sand Quarry - Development of Consent DA 267-11-99 [ ref\_00D7F6iTix\_5007F1NVwmQ:ref ]

Dear James,

Thanks for your email. The EPA is not aware of any specific issues to raise with regard to this premises.

Sincerely,  
Steven

**Steven Tan**  
Acting Unit Head  
Regulatory Operations - Metropolitan  
NSW Environment Protection Authority  
D 02 9995 6705



[www.epa.nsw.gov.au](http://www.epa.nsw.gov.au) @NSW\_EPA

*The EPA acknowledges the traditional custodians of the land and waters where we work. As part of the world's oldest surviving culture, we pay our respect to Aboriginal elders past, present and emerging.*

Report pollution and environmental incidents 131 555 or +61 2 9995 5555

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

**From:** James Hart [james\_hart@bigpond.com]  
**Sent:** 17/03/2023 16:49  
**To:** [info@environment.nsw.gov.au](mailto:info@environment.nsw.gov.au); [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au); [water.enquiries@dpi.nsw.gov.au](mailto:water.enquiries@dpi.nsw.gov.au)  
**Subject:** Independent Environmental Audit - Roberts Road Maroota Sand Quarry - Development of Consent DA 267-11-99

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

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

1

**James Hart**

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**From:** Daniel Giffney <dgiffney@thehills.nsw.gov.au>  
**Sent:** Monday, 27 March 2023 2:52 PM  
**To:** james\_hart@bigpond.com  
**Subject:** Roberts Road Maroota Sand Quarry

Dear James,

I have been sent a task relating to the Roberts Road Maroota Sand Quarry. I note that you were to complete an Environmental audit of the premises on 21 & 22 March. I apologise for the delay in responding, however I have only just received the task.

I can advise that I have not received any complaints regarding the quarry and I am not aware of any issues.

Regards,

Daniel



**Daniel Giffney**

Coordinator - Environmental Health

61298430306 | 61412 546 908 | dgiffney@thehills.nsw.gov.au

Administration Centre, 3 Columbia Court Norwest NSW 2153

PO Box 7064, NORWEST NSW 2153 | DX 9966 Norwest

[www.thehills.nsw.gov.au](http://www.thehills.nsw.gov.au)

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## Department of Planning and Environment

Our ref: OUT23/5041

James Hart

Email: james\_hartbigpond.com

04<sup>th</sup> April 2023

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**Subject: Roberts Road Maroota Sand Quarry - (DA 267-11-99) - IEA**

Dear James,

I refer to your request seeking advice from the Department of Planning and Environment – Water (the department) on an upcoming audit for the above matter. It is understood this consultation is in accordance with conditions of approval for the project.

The department understands that the scope of the audit as outlined under the development consent and the reference guideline, “*Independent Audit Post Approval Requirements (2020)*” extends to at least the following:

- Identification of compliance requirements and documentation of any non-compliances.
- Assessment of the adequacy and implementation of management plans and sub plans.
- Assessment of compliance against relevant regulatory requirements and legislation.
- Assessment of compliance between actual and predicted impacts in the environmental assessment.
- Reporting requirements for management plans.
- Identification of strengths of the project in environmental management and opportunities for improvement.

The department requests that the audit address compliance with the following specific elements of the consent conditions and related legislative requirements in a manner consistent with the above audit scope:

- The requirement to prepare and implement management plans that relate to water sources and their dependent ecosystems and users, and associated impact management and mitigation. These plans may include:
  - Water Management Plans and related sub-plans eg. Site Water Balance, Erosion and Sediment Control Plan, Stormwater Management Plan, Surface and Groundwater Management Plan.
  - Extraction Plans and related sub-plans eg. Water Management Plan, Subsidence Management Plan.
- The requirement to prepare and implement trigger action response plans for water source impacts which set clearly defined limits and actions. This is to be reported on within annual and exceedance based reporting.
- Water supply availability is clearly defined for the project.
- Water take at the site via storage, diversion, interception or extraction is clearly documented and is authorised by a relevant Water Access Licence or exemption under the Water Management (General) Regulation 2018.
- Water metering at the site is in accordance with the NSW Non-Urban Metering Framework where relevant.





**Department of Planning and Environment**

- Water Access Licence/s used to account for water take by the project nominates the work where the water is being taken from.
- Annual reporting clearly documents; 1) water take, use and water source impacts, 2) compares results with previous year's, and 3) identifies exceedances and how these are managed/mitigated.

Should you have any further queries in relation to this submission please do not hesitate to contact DPE Water Assessments at [water.assessments@dpie.nsw.gov.au](mailto:water.assessments@dpie.nsw.gov.au)

Yours sincerely,

A handwritten signature in blue ink, appearing to read "T. Baker".

Tim Baker  
Senior Project Officer  
Water Assessments  
Department of Planning and Environment – Water  
T 0428162097 | E [tim.baker@dpie.nsw.gov.au](mailto:tim.baker@dpie.nsw.gov.au)

## James Hart

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**From:** Maria Divis <Maria.Divis@planning.nsw.gov.au>  
**Sent:** Monday, 3 April 2023 7:52 AM  
**To:** james\_hart@bigpond.com  
**Subject:** FW: Independent Environmental Audit - Roberts Road Maroota Sand Quarry - Development of Consent DA 267-11-99

**Importance:** High

Good morning James

Thank you for consulting with the Department of Planning and Environment (the department) in order to obtain input into the scope of the Independent Environmental Audit (IEA), in accordance with the Independent Audit Post Approval Requirements 2020 (IAPARs).

The Department would like for the IEA to provide an assessment of the environmental performance of the project, with a focus on weed management and rehabilitation. Please review the requirements of the Consent, Environmental Management Plans, Sub-Plans and EIS; and assess the project's performance in this area, providing an analysis of the results in relation to the referenced documents. This detail is to be provided in addition to the IEA requirements outlined in the Conditions of Consent and IAPARs.

It is suggested that you consult with the local Council, the EPA and any other agencies that may be referenced in the Conditions of Consent for DA 267-11-99.

For further enquiries, please contact me on the below details.

Kind regards,

**Maria Divis**  
Senior Compliance Officer

Planning & Assessment | Department of Planning and Environment  
T 02 8275 1156 | E [Maria.Divis@planning.nsw.gov.au](mailto:Maria.Divis@planning.nsw.gov.au)  
Locked Bag 5022 | PARRAMATTA NSW 2124  
[www.dpie.nsw.gov.au](http://www.dpie.nsw.gov.au)



*The Department of Planning and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.*

---

**From:** Julia Pope <Julia.Pope@planning.nsw.gov.au>  
**Sent:** Friday, 31 March 2023 3:37 PM  
**To:** Maria Divis <Maria.Divis@planning.nsw.gov.au>

## Appendix F. Site Photographs



# Independent Environmental Audit – Roberts Road Maroota Quarry

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**Quarry - Site Entry**



**Quarry Stockpile Area**





***Grassed Bund Eastern Boundary***







**Northern Corner Boundary**



**Waste Recycling Facilities.**





**Oil Drum Storage**



**Rehabilitation Northern Boundary**