

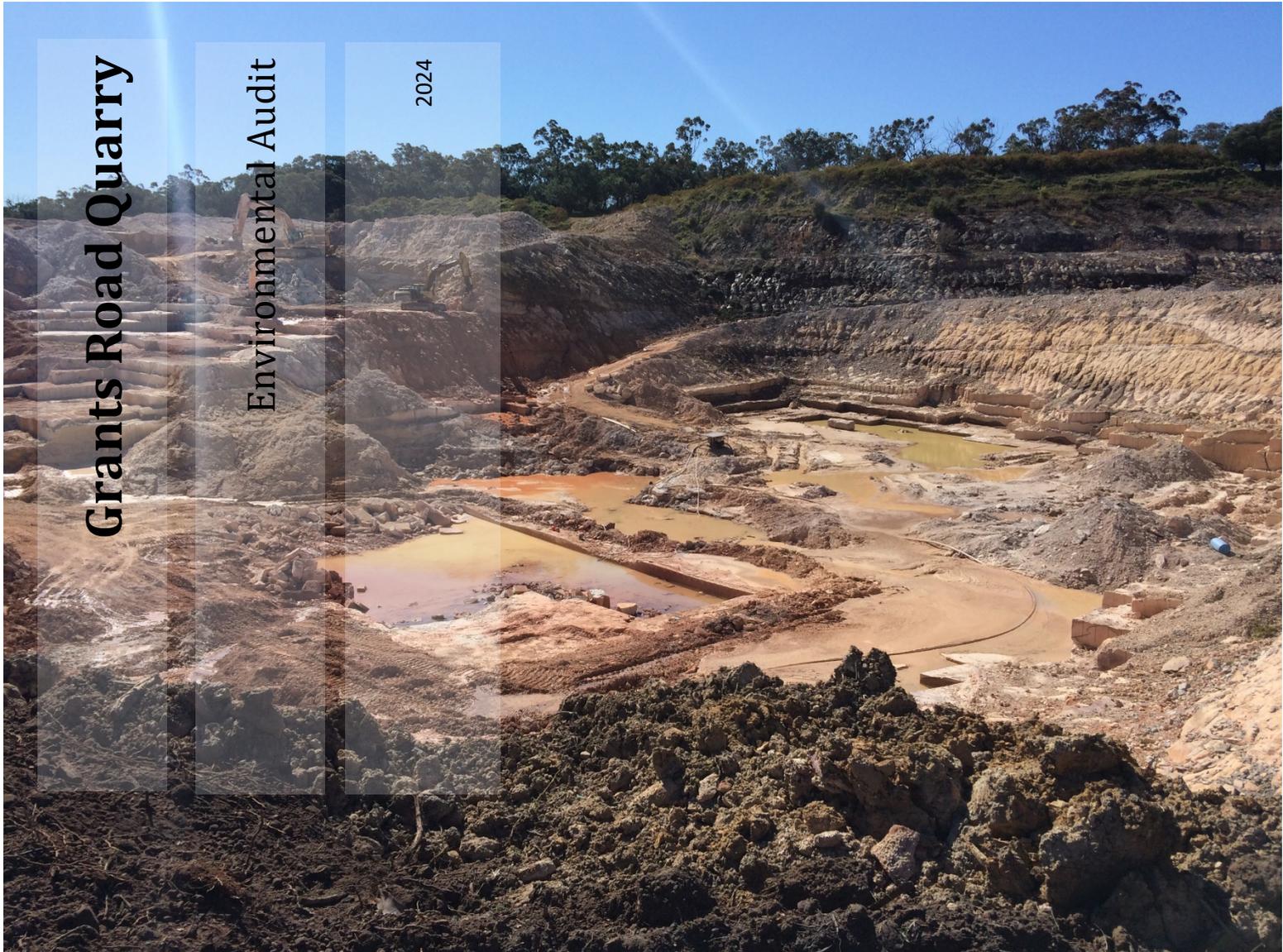
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# Grants Road Quarry

## Environmental Audit

2024



For and on behalf of JM Environments

A handwritten signature in black ink that reads 'James McMahon'.

**James McMahon**



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Revision	Details	Date	Amended By	Issued To
0	Draft	4/10/2024	JMc	SJ
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## **EXECUTIVE SUMMARY**

Grants Road Quarry Pty Ltd (Grants Road Quarry, the audit client) commissioned JM Environments to conduct an independent environmental compliance audit (the audit) of the Grants Road Quarry Extension.

The audit was undertaken for Grants Road Quarry to fulfil its statutory obligations under Schedule 5 Item 5 of the Project Approval issued by the Department of Planning for the Grants Road Quarry Extension. The audit period was from July 25 2021 to July 24 2024.

The audit was undertaken in accordance with AS/NZS ISO 19011.2014 – Guidelines for Auditing Management Systems and the NSW Government Independent Audit-Post Approval Requirements – May 2020.

Three hundred and seventy-seven conditions (including sub clauses) were reviewed during the audit. It was assessed that forty-seven conditions were either not triggered or not able to be assessed at the time of the audit.

It was considered that Grants Road Quarry has complied with three hundred and twenty one conditions and not complied with nine conditions resulting in three corrective actions/recommendations.

Based on the evidence reviewed in this audit it is considered that the quarry is not significantly impacting the surrounding environment.

It is the Auditors opinion that the operators of Grants Road Sand Quarry are carrying out the project generally in accordance with the:

- EA;
- EA (MOD 1); and
- Statement of Commitments.

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**Appendix E**

## 1. INTRODUCTION

Grants Road Quarry Pty Ltd (Grants Road Quarry, the audit client) commissioned JM Environments to conduct an independent environmental compliance audit (the audit) of the Grants Road Quarry Extension.

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The audit was undertaken in accordance with AS/NZS ISO 19011.2014 – Guidelines for Auditing Management Systems and the NSW Government Independent Audit-Post Approval Requirements – May 2020.

This Audit Report was delayed solely by the Auditor due to a misunderstanding of the due date. The auditor asserts the delay has not caused harm to human health or the environment that may have otherwise been avoided.

### 1.1.Grants Road Quarry

The Grants Road Quarry (the quarry) has operated from September 2000. It was operating under Deferred Development Consent DA 22952/1998 (5 July 2000), issued by Gosford City Council and was amended 19 December 2006. The existing reserves of sand and sandstone under DA22952/1998 were considered to be diminishing and Grants Road Quarry proposed to extend the quarry footprint from 2 hectares to 20 hectares. Peter Andrew and Associates Pty Ltd (PAA) prepared *Grants Road Sand Quarry Extension-Environmental Assessment Project Application No 08\_0099* (April 2013) (the EA). The approval was granted by the Department of Planning for the quarry extension on 25 July 2014 and the quarry has been operating under this approval from December 2015. The approval was modified on 4 May 2018. The modification primarily consisted of the Department Planning rewording the conditions to make them more robust and the names of regulatory department and offices at the time.

## 2. AUDIT OBJECTIVES AND SCOPE

The audit objectives were to:

- assess the environmental performance of the project, and its effects on the surrounding environment;
- assess whether the project is complying with the relevant standards, performance measures, and statutory requirements;
- review the adequacy of any strategy/plan/program required under this approval; and, if necessary;
- recommend measures or actions to improve the environmental performance of the project, and/or any strategy/plan/program required under this approval.

The audit scope was to:

- review the Environmental Assessment (EA);
- review the Statement of Commitments (SoC);

- review the Conditions of Approval CA;
- review the 2015 and 2018 Independent Environmental Audit reports;
- prepare an audit document review checklist based on the conditions of the EA, SoC and CA;
- review supplied documents;
- conduct a site visit;
- interview available Grants Road Quarry staff; and
- prepare this Audit Report.

### **3. THE AUDIT TEAM**

The audit team consisted of:-

**Lead Auditor:** James McMahon PhD, BSc, Certificate of Competency in Environmental Auditing (RABQSA-AU, TL and EM). Dr McMahon was the main point of contact for the audit client during all phases of the audit. He was responsible for

- developing the auditing protocols and checklists,
- conducting audit interviews;
- reviewing of the existing consent and associated documents including the applicable management plans that form part of the consent and/or operating requirements for the quarry;
- evaluating compliance of the current quarry and its operations with the conditions of consent and the management plans and prepare an audit report detailing the state of compliance identifying any non-compliances or outstanding uncompleted works with respect to air and water quality impacts by the quarry's operation.; and
- writing this audit report;

The auditor's appointment was endorsed by the Department of Planning. A copy of the endorsement can be found in Appendix A.

### **4. THE AUDIT PROCESS**

#### **4.1.Audit Schedule**

Schedule 5 Item 5 of the Project Approval issued by the Department of Planning for the Grants Road Quarry Extension required by 30 June 2015 and every 3 years thereafter, unless the Secretary directs otherwise, the Proponent must commission and pay the full cost of an Independent Environmental Audit of the project.

#### **4.2.Audit Table**

An audit table was prepared as part of the audit activities. The completed audit checklist is presented in Appendix B. The completed audit checklist includes the audit criteria, audit findings, audit log reference, compliance/non-compliance, site observations (if noted) and corrective actions (if required).

### **4.3. Audit Opening Meeting**

An opening meeting was held at Grants Road Somersby, on 30 August 2024. The purpose of the meeting was to introduce the auditor to the auditee's representatives and observers, discuss the legal obligations of the audit process, gain acceptance the audit plan by the parties involved and discuss the date and how the site visit will be conducted.

The auditor (Dr McMahon), the auditee representative (Steve Jones (Quarry Manager)) was present at the opening meeting.

A copy of the opening meeting agenda can be found in Appendix C.

### **4.4. Audit Documents**

A log of the audit documents that were requested and reviewed throughout the audit process is presented in Appendix D.

### **4.5. Site Visit**

A site visit was conducted by the auditor, the auditee's representatives a on 30 August 2024. The purpose of the site visit was to view the current site layout, make a visual assessment of audit criteria and review site documentation. A copy of selected site photographs is presented in Appendix E. Site observations are listed in the audit checklist in Appendix B.

## **5. PREVIOUS INDEPENDENT ENVIRONMENTAL AUDITS**

### **5.1. 2015 Independent Environmental Audit**

JME undertook an Independent Environmental Audit of the quarry in 2015. The 2015 audit was undertaken when the quarry was operating under its Gosford City Council development approval. As such, many of the requirements of the current approval were not triggered.

The 2015 audit found that the quarry was not significantly impacting on the surrounding environment. In 2105, the Environmental Management Plan (and sub-plans) (the EMP) that was reviewed by JME was largely in draft form at the time of the audit, as the auditee was waiting for comments from the relevant agencies. The audit revealed some minor non-compliance against the requirements of the consent. The auditor recommends that these items are addressed after comments on the draft reports are received from the Department. However, the non-inclusion of Total Suspended Particles (TSP) and deposited dust monitoring in the AMQP is considered a significant non-conformance and should addressed in the AQMP and implemented as soon as practicable. This non-conformance has been addressed in the current version of the EMP.

### **5.2. 2018 Independent Environmental Audit**

The following strategies, plans and programs were reviewed by the auditor for adequacy.

- Environmental Plan of Management-May 2016;
  - Groundwater Management Plan;
  - Surface Water Management Plan;
  - Noise Management Plan;
  - Air Quality Management Plan;

- Traffic Management; and
- Landscape and Rehabilitation Management Plan.

The auditor considered the above plans were adequate for purpose of monitoring the environmental performance of the quarry. However, the auditor also recognised that some additional information is required to be included in some of the plans next revision or sooner if practical. In particular, the six-day monitoring cycle of PM10 dust not adhered to. The 2018 audit requested a review of the maintenance schedule to ensure the HVAS was operational at a more frequent level.

It was the Auditors opinion that the operators of Grants Road Sand Quarry are carrying out the project generally in accordance with the:

- EA;
- EA (MOD 1); and
- Statement of Commitments.

### **5.3. 2021 Independent Environmental Audit**

JME undertook an Independent Environmental Audit of the quarry in 2021. The audit found that there were operational issues the PM<sub>10</sub> Air sampling not complying with the required sampling rate of a sampling event every six days. This appeared to be due to technical issues and the Quarry Manager was committed to finding a solution.

## **6. 2024 AUDIT FINDINGS**

Environmental Management Plans, Strategies and the like that were deemed adequate in previous audits are not included in this audit. Where this is the case, it is noted in the audit checklist.

### **6.1. Consultation With the Relevant Authorities/Agencies**

A form email was sent to the general enquiries email address at the following relevant agencies:

- Central Coast Council;
- NSW EPA;
- Department of Environment and Heritage;
- Water NSW.

An addendum letter will be provided, if and when the agencies make contact.

### **6.2. Review of Annual Returns**

A review of the NSW EPA's online POEO register (<https://app.epa.nsw.gov.au/prpoeoapp/>) was undertaken on 4 October 2024 Annual Returns had been submitted to the NSW for 2021, 2022 and 2023. The review found:

- Non-compliances with EPL requirements were registered in 2022 including:
  - The rain gauge did not collect rainfall data;
  - No data collection of Total suspended particles for the 12 months; and

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- PM10 data capture was not undertaken every 6 days. Of a possible 60 samples (over approximately 12 months), ten (10) samples are reported, resulting in a data recovery rate of approximately 17%.
- Non-compliances with EPL requirements were registered in 2023 including:
  - Reduced weather data capture;
  - No data collection of Total suspended particles; and
  - PM10 data capture was not undertaken every 6 days.
- No notices were registered;
- No audits were requested; and
- No pollution studies and reduction programs were requested.

A copy of the search is included in the Audit Log.

### **6.3. Non-Conformances From Previous Audits**

A review of non-conformances from previous audits was undertaken

**Table 7.1 Previous Corrective Action and Recommendation Summary**

Type of Condition	Condition	Corrective Action	2024 Audit Finding	Status
Administration /Statement of Commitments	Schedule 2 13a,13b and SOC 10	Maintenance logs required to be used to document upkeep of plant and equipment.	The auditor sighted the maintenance logs of the quarry’s plant and equipment and are satisfactory.	Closed-2018
Reporting & Auditing	Schedule 5, 9	2021 Audit to be submitted by June 30.	The Department has granted an extension due to Covid19 restrictions	Closed-2018
	Schedule 5, 9c	EPL11240 to be updated to allow for 250,00tonnes/annum extraction.	EPL11240 was updated to allow 100,000 tonnes - 500,000 tonnes to be extracted each year.	Closed-2018
	Schedule 5, 9c	Groundwater field parameters to be recorded and stabilised prior to sampling.	Not reported in annual reports. The auditor recognises that the groundwater monitoring is undertaken by an experienced hydrogeologist.	Open-
Groundwater	Schedule 5, 9c	Update Section 4.4.3 Proposed Water Quality Monitoring Plan to adequately describe how to collect the sample from a well. The Groundwater Management Plan does not describe how to purge the well prior to sampling in order to gain representative groundwater samples from the monitoring wells. The auditor considers these items need to be	The plan was not updated. The auditor recognises that the groundwater monitoring is undertaken by an experienced hydrogeologist.	Open

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Type of Condition	Condition	Corrective Action	2024 Audit Finding	Status
		described if the monitoring wells are not being sampled by a suitably qualified consultant.		
	SOC 7	Provide annual groundwater results for review by a Senior Hydrogeologist (NOW).	The NSW Office of Water has not committed to this undertaking and as such compliance cannot be enforced.	Closed 2018
Air	Schedule 3, 11f	Six-day monitoring cycle of PM <sub>10</sub> dust not adhered to. Review maintenance schedule to ensure the HVAS is operational at a more frequent level.	2023 56 of sixty possible monitoring events completed; 2022 10 of sixty possible events completed; 2021 49 of sixty possible monitoring events completed.	open
	Schedule 3, 11c and 12 b dot point 3	Update AMQP to include protocols for adverse meteorological conditions and extraordinary events.	Plan updated	Closed 2024
	SOC 11	Carry out campaign monitoring for respirable crystalline silica as soon as practicable.	Respirable crystalline silica monitoring continued in 2021-2023.	Closed 2021

## 6.4. Environmental Monitoring

*Grants Road Environmental Plan of Management*, May 2016 (GREPM), contains specific monitoring plans for the following environmental aspects:

- Surface Water;
- Groundwater;
- Air Quality;
- Biodiversity;
- Noise; and
- Rehabilitation.

The auditor compared the requirements of the monitoring plans with the monitoring reports contained in the Annual Environmental Reports for 2021, 2022 and 2023 posted on the Grants Road Quarry website (<https://www.grantsrdsand.com.au/regulatory-information>).

### 6.4.1. Surface Water Management

The requirements for surface water monitoring are specified in *Surface Water Management Plan - Grants Road Sand Quarry - Extension Project Lot 1 in DP358717 270 Grants Road Somersby* (SWMP), June 2016, prepared by Larry Cook Consulting Pty Ltd (LCC). The current surface water monitoring regime and compliance assessment for each year is outlined in Table 6.3.1-1

Table 6.3.1-1 Surface Water Monitoring Program

Monitoring Site	Monitoring Frequency	Analytical suite	2021	2022	2023
W1 and W4	Quarterly	TSS, TN, TP	NC-Covid 1-sampling event	NC-Covid/ Flooding 4-sampling events	NC-six sampling events
S1	Quarterly or Within 12 hours prior to any controlled discharge; and Weekly during any discharge	TSS, O&G, pH, TN, TP	NC-Covid no discharge during sampling event	NC-Covid/ Flooding No discharge during sampling events	NC-six sampling events No discharge during sampling events

TSS: total suspended solids, TN: total nitrogen, TP: total phosphorus, O&G: oil and grease, NC: non-compliance.

The auditor notes that Covid restrictions and natural disasters are valid reasons for non-compliance in monitoring frequency in 2021 and 2022. The water monitoring reports are silent on “controlled” discharges and “any” discharges during the audit period. By implication, there were no surface water discharges from the quarry despite sampling being disrupted by flooding “due to consecutive La Nina events” in 2022. Six sampling events were undertaken in 2023/2024, two sampling events in Quarter 1, no sampling events in Quarter 2, two sampling events in Quarter 3, one sampling event in Quarter 4 and one sampling event in Quarter 1 2024.

Summary of the surface water monitoring results are as follows:

- The recorded pH measurements and analytical results were within the range of acceptable and agreed discharge levels.
- Oil and grease was not reported during the audit period.

Based on the information supplied in the 2021-2023 water quality monitoring reports undertaken by Larry Cook Consulting Pty Ltd, the quarry is not likely to be impacting the surrounding surface water quality during the audit period. However, the monitoring frequency and the analytical suites were not conducted in accordance with the SWMP.

The quarry has the appropriate groundwater licences for the aquifers intercepted by the quarry.

#### 6.4.1.1. Surface Water Statement of Compliance.

It is the auditors opinion that the quarry is not complying with the requirements of the SWMP. There is insufficient evidence to assess whether or not the quarry is impacting the local surface water quality.

#### 6.4.2. Groundwater Management

The requirements for groundwater monitoring are specified in *Groundwater Management Plan - Grants Road Sand Quarry - Extension Project Lot 1 in DP358717 270 Grants Road Somersby* (GWMP), June 2016, prepared by Larry Cook Consulting Pty Ltd (LCC). Appendix 3-Master Groundwater Management Plan of the GWMP details the groundwater monitoring regime for the project. In summary, monitoring locations BH1 (G1), BH3 (G3), BH4 (G4), DDH1, DDH2, Old Test, Murrays, GW101915, GW049244, GW056451, GW47695 and GW06380 were to be monitored on a six monthly basis. The GWMP states G1 was destroyed as a result of quarrying expansion and should not have been included as a sampling location. Proposed bores BH5, BH6 and BH7 were also listed as additional bores but no timeframe on their construction was included. Of the existing sampling locations listed, G3 and G4 were the only bores monitored during the audit period. The analytes to be monitored were listed in Table 12 of the GWMP and summarised in Column 3 of Table 6.3.2-1 below. There are no trigger values for the analytes to compare to the monitoring results in the GWMP. But rather the monitoring results were to be assessed for “Gradual deterioration in water quality as a statistical trend”.

The current surface water monitoring regime and monitoring frequency compliance assessment for each year is outlined in Table 6.3.2-1

Table 6.3.2-1 Groundwater Monitoring Program

Monitoring Site	Monitoring Frequency	Anaytical suite	2021	2022	2023
G3 and G4	6 monthly	pH, EC, TDS, Na, Ca, K, Mg, NH <sub>4</sub> ,Cl, SO <sub>4</sub> Alkalinity,TSS, O&G, Cu, Pb, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , Zn, T-Fe, D-Fe	NC-Covid 1-sampling event	NC-Covid/ Flooding 4-sampling events	Complies -six sampling events

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EC: electrical conductivity, TDS: total dissolved solids, Na: sodium, Ca: calcium, K: potassium, Mg: magnesium, NH<sub>4</sub>: ammonia, Cl: chloride, SO<sub>4</sub>: sulfate, Cu: copper, Pb: lead, NO<sub>3</sub>: nitrate, NO<sub>2</sub>: nitrite, PO<sub>4</sub>: phosphate, Zn: zinc, T-Fe: total iron, D-Fe: dissolved iron, TSS: total suspended solids, O&G: oil and grease, NC: non-compliance.

The auditor notes that Covid restrictions and natural disasters are valid reasons for non-compliance in monitoring frequency in 2021 and 2022. Four sampling events were undertaken in 2022 but were only in the second half of the year. Six sampling events were undertaken in 2023/2024, with at least one sampling event in each half of 2023.

Physical parameters (pH, EC, dissolved oxygen, temperature and redox potential) were not reported in the monitoring reports. Na, Ca, K, Mg, NH<sub>4</sub><sup>+</sup>, Cl<sup>-</sup>, SO<sub>4</sub><sup>2-</sup> Alkalinity, O&G, Cu, Pb, Zn, T-Fe, D-Fe were not reported in the laboratory documentation of the monitoring reports.

The groundwater monitoring reports do not discuss trend analysis of the analytes that were reported.

### *6.4.2.1. Groundwater Statement of Compliance*

It is the auditors opinion that the quarry is not complying with the requirements of the GWMP. There is insufficient evidence to assess whether or not the quarry is impacting the local groundwater quality.

### **6.4.3. Air Quality Management**

The requirements for air quality monitoring are specified in Section 7.2 of *Grants Road Sand Quarry Extension Air Quality Management Plan (AQMP)*, 15 June 2016, prepared by Pacific Environment Limited. The AQMP states:

- "The HVAS monitoring will be operated in accordance with AS/NZS 3580.9.6:2003 Methods for sampling and analysis of ambient air – Determination of suspended particulate Matter – PM<sub>10</sub> – high volume air sampler with size selective inlet – gravimetric method."
- "The dust deposition monitoring will be operated in accordance with AS/NZS 3580.10.1:2003 Methods for sampling and analysis of ambient air – Method 10.1: Determination of particulate matter – Deposited matter – Gravimetric method."

One HVAS and two dust deposition gauges were required to be installed.

### *6.4.3.1. PM<sub>10</sub> Monitoring*

In accordance with the HVAS standard, the frequency of PM<sub>10</sub> monitoring events is every six days with a sampling compliance rate of 95% (57 out of possible 60 sampling events) for evaluation against an annual average criterion of 25 µg/m<sup>3</sup>

In 2021, 80% (48 out of 60) of the required samples were collected. This was due mainly to power and technical issues with the sampler. The average PM<sub>10</sub> concentration over the recorded 12-month period was 5.3 µg/m<sup>3</sup>, which is below the annual EPA impact assessment criterion of 25 µg/m<sup>3</sup>. The reported results were below the EPA maximum 24-hour average criterion of 50 µg/m<sup>3</sup> for PM<sub>10</sub>.

In 2022, 17% (10 out of 60) of the required samples were collected. This was due mainly to further power and technical issues with the sampler and the lack of available parts. The

average PM<sub>10</sub> concentration over the recorded 12-month period was 3.6 µg/m<sup>3</sup>, which is below the annual EPA impact assessment criterion of 25 µg/m<sup>3</sup>. The reported results were below the EPA maximum 24-hour average criterion of 50 µg/m<sup>3</sup> for PM<sub>10</sub>.

In 2023, 93% (56 out of 60) of the required samples were collected. The average PM<sub>10</sub> concentration over the recorded 12-month period was 5.1 µg/m<sup>3</sup>, which is below the annual EPA impact assessment criterion of 25 µg/m<sup>3</sup>. The reported results were below the EPA maximum 24-hour average criterion of 50 µg/m<sup>3</sup> for PM<sub>10</sub>.

#### *6.4.3.2. Dust Deposition Monitoring*

Sampling frequency for dust deposition is monthly.

In 2021, twelve of twelve samples were collected from two locations. The annual average monthly dust deposition level for the period of 2021 was 0.6 g/m<sup>2</sup>/month at R1 and 0.5 g/m<sup>2</sup>/month at R4. The dust deposition results were below the EPA cumulative annual average criterion of 4 g/m<sup>2</sup>/month. The annual average deposition levels were below both the incremental and cumulative annual criteria.

In 2022, twelve of twelve samples were collected from two locations. The annual average monthly dust deposition level (insoluble solids) for the period of 2022 was 0.6 g/m<sup>2</sup>/month at R1 and 0.5 g/m<sup>2</sup>/month at R4. The dust deposition results were below the EPA cumulative annual average criterion of 4 g/m<sup>2</sup>/month. The annual average deposition levels were below both the incremental and cumulative annual criteria.

In 2023, twelve of twelve samples were collected from two locations. The annual average monthly dust deposition level (insoluble solids) for the period of 2023 were 0.3 g/m<sup>2</sup>/month at R1 and 0.2 g/m<sup>2</sup>/month at R4. The dust deposition results were below the EPA cumulative annual average criterion of 4 g/m<sup>2</sup>/month. The annual average deposition levels were below both the incremental and cumulative annual criteria.

The laboratory reports were not available for review.

#### *6.4.3.3. Respirable Crystalline Silica Monitoring*

A number of respirable crystalline silica (RCS) measurements were taken on 20 April 2021, 17 June 2022, 1 September 2022 and 19 December 2022, 15 June 2023, 18 October 2023 and 7 December 2023 by WorkPlace Environment Consultants. The levels were below the relevant workplace health and safety standards with the exception of 18 October 2023. Grants Road Sand had advised that the NSW Resource Regulator was notified on 28 November 2023 of the high RCS exposure result. Grants Rd had also supplied the contractor for the bulldozer (EarthMax) with instructions to promote compliance. These included ensuring that the dozer operator made use of appropriate respiratory protection, investigating cabin seals and ventilation, and conducting additional monitoring within two months to demonstrate compliance.

#### *6.4.3.4. Air Quality Compliance Statement*

It is the auditors opinion that the quarry:

- is not complying with the requirements of the PM<sub>10</sub> air quality monitoring.

- is complying with the requirements of the deposited monitoring.
- Meeting the intent of the respirable silica monitoring.
- is not impacting the air quality surrounding the quarry.

#### **6.4.4. Biodiversity**

The requirements for Biodiversity monitoring is provided in Section 9 of the GREPM. Groundwater Dependent Ecosystems (GDEs)(Hawkesbury Banksia Scrub-Woodland and Sandstone Hanging Swamps) and the Somersby Mint Bush were listed for monitoring.

GDE monitoring was to be undertaken yearly and required:

- Floristic data (stratum, growth form, species name, cover and abundance rating) were to be collected during monitoring events within each permanent 20 x 20 metre monitoring plot.
- An estimate of the cover of native vegetation within the upper-stratum, mid-stratum and lower stratum was to be recorded at 10 points along a 50 metre transect during monitoring events. The final value for each monitoring location was to be calculated as the average of the 10 values recorded.
- An estimate of the cover of exotic vegetation within the combined mid-stratum and lower stratum (grasses, shrubs and other) was to be recorded separately at 10 points along each permanent 50 metre transect. The final value for each monitoring location was to be calculated as the average of the 10 values recorded.
- Regeneration was to be measured as the proportion of upper stratum plant species that are regenerating within and surrounding each plot within the identified high priority GDEs.
- The extent of each high priority GDE surveyed was to be mapped by aerial photograph interpretation supplemented by field verification surveys.
- Photographs of fixed locations were to be taken for each monitoring location during each monitoring event.

Somersby Mint bush were to be sampled by undertaking counts of the baseline populations identified. The outer extent of each population was mapped. Photographs of fixed locations were taken for each population during each monitoring event.

Monitoring inspections and photographs were to be undertaken for the following:

- Signs of surface erosion;
- Signs of sedimentation;
- Density of each stratum of surrounding vegetation;
- Fire disturbance;
- Herbivory; and
- Trampling.

##### *6.4.4.1. GDE Monitoring*

GDE Monitoring in 2021 was undertaken on 10 March by Conacher Consulting. It was reported for Sandstone Hanging Swamp:-

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- The floristic composition of this vegetation type indicates that it is likely to have high dependence on groundwater and can be considered a high-dependence facultative GDE.
- No decrease in the previously mapped extent of this GDE has been detected since the previous monitoring period.
- The current estimated extent of Sandstone Hanging Swamp within the modelled drawdown area is 1.8 hectares.

And for Hawkesbury Coastal Banksia Woodland:-

- The floristic composition of this vegetation type indicates that it is likely to be either a low dependence facultative GDE or not a GDE.
- The current estimated extent of Hawkesbury Banksia Scrub Woodland within the modelled drawdown area is 28.6 hectares.

GDE Monitoring in 2022 was undertaken on 17 March by Conacher Consulting. It was reported for Sandstone Hanging Swamp:-

- No detected decrease in the extent of this GDE due to project related impacts was observed since during [sic] the monitoring period.

And for Hawkesbury Coastal Banksia Woodland:-

- No detected decrease in the extent of this GDE due to project related impacts was observed since during [sic] the monitoring period.

GDE Monitoring in 2023 was undertaken on 17 March by Conacher Consulting. It was reported for Sandstone Hanging Swamp:-

- No detected decrease in the extent of this GDE due to project related impacts was observed since during [sic] the monitoring period.

And for Hawkesbury Coastal Banksia Woodland:-

- No detected decrease in the extent of this GDE due to project related impacts was observed since during [sic] the monitoring period.

#### *6.4.4.2.Somersby Mintbush*

The auditor noted that the Somersby Mintbush populations were destroyed by RFS backburning in 2015 and from 2017 to 2018 the Somersby Mintbush population increased from 52 plants to 436 plants across two locations. These population have showed slight fluctuations since 2018.

For 2021, the Somersby Mintbush monitoring was undertaken by Conacher Consulting on 16 November. It was reported that the data indicated a slight decrease in numbers of Somersby Mintbush observed between the 2020 and 2021 monitoring surveys. This decrease was attributed to variation of seasonal flowering conditions and observation/counting methods used to distinguish between individuals or clumps of flowering plants.

For 2022, the Somersby Mintbush monitoring was undertaken by Conacher Consulting on 15 and 16 November. It was reported that the data indicated a slight increase in numbers of Somersby Mintbush observed between the 2021 and 2022 monitoring surveys. This increase was attributed to variation of seasonal flowering conditions and observation/counting methods.

For 2023, the Somersby Mintbush monitoring was undertaken by Conacher Consulting on 16 November. It was reported that the data indicated a slight decrease in numbers of Somersby Mintbush observed between the 2022 and 2023 monitoring surveys. This decrease was attributed to variation of seasonal flowering conditions. The above average rainfall in the autumn and winter months may have influenced favourable growing conditions which were reflected by increased flowering recordings.

#### *6.4.4.3. Biodiversity Compliance Statement*

It is the auditors opinion that the quarry:

- is complying with the requirements of the biodiversity monitoring.
- is not impacting on the identified GDEs and the Somersby Mintbush populations.

#### **6.4.5. Noise**

The requirements for noise monitoring are specified in Section 7.2 of *Noise Management Plan Grants Road Sand Quarry Grants Road, Somersby* (NMP), 15 June 2016, prepared by Atkins Acoustics and Associates Pty Ltd. The NMP requires monitoring to be conducted twice a year as follows:

- Monitoring at three nearby sensitive receivers and one passive recreation area.
- Review of meteorological conditions and determination if suitable for noise measurements.
- Attended noise measurements over fifteen (15) minutes at each receiver noting aural observations, recording  $L_{A90}$  and  $L_{Aeq}$  noise levels and weather conditions (wind speed and direction);
- Determination of  $L_{Aeq,15min}$  noise contribution from Grants Road Quarry activities for each receiver location;
- Review of GRS contributions compared to noise criteria and INP level for National Park  $L_{Aeq,15min}$  50-55dB(A). Quarry will only be considered to be in non-compliance with the noise criteria if the sustained quarry noise is more than 2dB above the limit and not addressed or rectified;
- Inspection of site to confirm quarry operations at time of audit;
- Attended nearfield or midfield measurements of individual site plant and equipment to confirm operating noise levels and calculated sound power levels;
- Conduct second round of attended noise measurements at the reference monitoring locations over fifteen (15) minutes at each receiver noting aural observations, recording  $L_{A90}$  and  $L_{Aeq}$  noise levels and weather conditions (wind speed and direction);
- Determination of  $L_{Aeq,15min}$  noise contribution from Grants Road Quarry activities at receivers;

- Consideration of any agreement with adjoining landowners (sensitive receivers) regarding noise and noise exceedances;
- If noise exceedances of the noise limits and  $L_{Aeq,15min}$  50-55dB(A) limit for National Park are identified, investigate sources contributing to the exceedance and provide recommendations for ameliorative action or management for Quarry operator to avoid future exceedances of same type.

For 2021, noise monitoring was undertaken once on the 15 Decemeber by Atkins Acoustics and Associates Pty Ltd. Only one round of monitoring at the nominated sensitive receptors was undertaken on the day. The passive recreation location was not monitored. The monitoring results demonstrated “that noise from Grants Road Sand Quarry activities complied with the DoPE (Application Number 08\_0099, MOD 1), noise condition  $L_{Aeq, 15min}$  40dBA and EPA Environmental Protection Licence 11240 (dated 12 October 2021)”.

For 2022, noise monitoring was undertaken once on the 17 Januray 2023 by Atkins Acoustics and Associates Pty Ltd. Only one round of monitoring at the nominated sensitive receptors was undertaken on the day. The passive recreation location was not monitored. The monitoring results demonstrated “that noise from Grants Road Sand Quarry activities complied with the DoPE (Application Number 08\_0099, MOD 1), noise condition  $L_{Aeq, 15min}$  40dBA and EPA Environmental Protection Licence 11240 (dated 12 October 2021)”.

For 2023, noise monitoring was undertaken once on the 10 Januray 2024 by Atkins Acoustics and Associates Pty Ltd. Only one round of monitoring at the nominated sensitive receptors was undertaken on the day. The passive recreation location was not monitored. The monitoring results demonstrated “that noise from Grants Road Sand Quarry activities complied with the DoPE (Application Number 08\_0099, MOD 1), noise condition  $L_{Aeq, 15min}$  40dBA and EPA Environmental Protection Licence 11240 (dated 12 October 2021)”.

An anonymous noise complaint was received by the Community Consultative Committee on 14 April 2023. The complaint alleges that an increase in the frequency in rock hammering being conducted at the quarry. An internal investigation by GRSQP found that that hammering had not moved closer or changed for the past four years. GRSQP offered a meeting to discuss the issue through the Community Consultative Committee. However, there was no further contact from the complainant.

#### *6.4.5.1. Noise Compliance Statement*

It is the auditors opinion that the quarry:

- is not complying with the requirements of the NMP due to only round of monitoring (of the nominated two rounds) at three of the four nominated monitoring locations;
- is not impacting on the nearby sensitive noie receptors.

### **6.5.Environmental Performance of the Project**

An Audit summary is presented in Table 7.2. Four hundred and thirty nine (including sub clauses) were reviewed during the audit. It was assessed that forty five conditions were not triggered at the time of the audit.

It was considered that Grants Road Quarry has complied with three hundred and eight five conditions and not complied with nine conditions resulting in three corrective actions/recommendations and one general recommendation.

**Table 7.2 Audit Summary Table**

Schedule	Number of Conditions	Conditions complied with	Conditions not complied with	Conditions not triggered	Corrective Actions
Schedule 2	23	21	1	1	0
Schedule 3	149	130	5	14	2
Schedule 4	7	0	0	7	0
Schedule 5	128	117	2	9	1
Statement of Commitments	70	53	1	16	0

A summary of the corrective actions is presented in Table 7.3

**Table 7.3 Corrective Action and Recommendation Summary**

Schedule	Category	Condition	Corrective Action/Recommendations
3	Air Quality	11f	Data collection has improved since December 2023. No further action is required if the current at sampling regime is maintained.
	Landscape	29, 29a, 29b and 29c	Review of Conservation and Rehabilitation Bond is required prior to April 30, 2025.
5	Environmental Management	5c	Forward updated GWMP and AQMP to Secretary for approval.
General	Environmental Monitoring		Review the requirements of the environmental monitoring stipulated in Grants Road Environmental Plan of Management, May 2016. Prepare a schedule of monitoring dates and the requirements of each monitoring event.

## 7. CONCLUSION

Based on the evidence reviewed in this audit it is considered that the quarry is not significantly impacting the surrounding environment.

It is the Auditors opinion that the operators of Grants Road Sand Quarry are carrying out the project generally in accordance with the:

- EA;
- EA (MOD 1); and
- Statement of Commitments.

JM Environments  
0427 893 668  
37 Tooke St  
COOKS HILL NSW 2300  
ABN 67 166 341 288



# Appendix A

NSW Planning ref: MP08\_0099-PA-16

Vanessa Colclough

Director

Peter Andrews & Associates Pty Ltd

Darkinjung Country

PO Box 494

Terrigal New South Wales 2260

24/05/2024

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Sent via the Major Projects Portal only

Subject: Grants Road Quarry – Independent Auditor Nomination Request

Dear Ms Colclough

Reference is made to your post approval matter, MP08\_0099-PA-16, request for the Planning Secretary's approval of suitably qualified, experienced, and independent person/s to conduct an Independent Audit of the Grants Road Quarry, submitted as required by Schedule 5, Condition 9 of MP08\_0099 as modified (approval) to NSW Department of Planning, Housing and Infrastructure (NSW Planning) on 15 May 2024.

NSW Planning has reviewed the independent auditor nominations and based on the information you have provided is satisfied that the proposed person/s are suitably qualified, experienced, and independent.

In accordance with Schedule 5, Condition 9 of the Approval, as nominee of the Planning Secretary, I endorse the following independent audit team from JM Environmental Consulting Pty Ltd:

- Mr James McMahon

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

The Independent Audit must be prepared, undertaken, and finalised in accordance with the conditions of approval. Failure to meet these requirements may require revision and resubmission. NSW Planning also requests the Independent Audit be prepared, undertaken, and finalised in accordance with the Independent Audit Post Approval Requirements (NSW planning, 2020).

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

Notwithstanding the endorsement of the above independent audit team for the project, each respective project approval or consent requires a request for endorsement of the independent auditor or audit team be submitted to NSW Planning, for consideration of the Planning 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 Astrid Christensen, (Compliance Officer) on 9274 6170 or email [compliance@planning.nsw.gov.au](mailto:compliance@planning.nsw.gov.au)

Yours sincerely

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

Julia Pope  
Team Leader Compliance - Metro  
Compliance

As nominee of the Planning Secretary

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## 6. Appendices

### Appendix A – Declaration of Independence Form Template

#### Declaration of Independence - Auditor

Project Name Grants Road Quarry Extension

Consent Number 08\_009

Description of Project Sandstone Quarry

Project Address 270 Grants Rd Somersby NSW

Proponent GR and AK Jones

Date 9 May 2025

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

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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)

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Name of Proposed Auditor    James McMahon

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Signature

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Qualification    BSc (Chem) PhD (Chem)

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Company    JM Environments

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# Appendix B

Schedule	Condition number	Category	Sub Category	Condition	Audit doc number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
2	1	OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT		In addition to meeting the specific performance criteria established under this approval, the Proponent shall implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the project.		this audit	Compliant	
2	2	TERMS OF APPROVAL		The Proponent shall carry out the project generally in accordance with the: (a) EA; (b) Statement of Commitments; and (c) conditions of this approval.		this audit	Compliant	
2	3	TERMS OF APPROVAL		If there is any inconsistency between the above documents, the more recent document shall prevail to the extent of the inconsistency. However, the conditions of this approval shall prevail to the extent of any inconsistency.		this audit	Compliant	
2	4	TERMS OF APPROVAL		The Proponent shall comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of: (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this approval; (b) any reviews, reports or audits undertaken or commissioned by the Department regarding compliance with this approval; and (c) the implementation of any actions or measures contained in these documents.		this audit	Compliant	
2	5	LAPSING OF APPROVAL		If the project has not been physically commenced within 5 years of the date of this approval, then this project approval shall lapse.			Compliant	
	6	LIMITS ON APPROVAL	Quarrying Operations	The Proponent may carry out quarrying operations on the site until 30 June 2044			Not triggered	
	7	LIMITS ON APPROVAL	Production Limit	The Proponent shall not extract process and transport more than 250,000 tonnes of quarry products from the site in any calendar year.		Tonnage reports for financial years ending , 2021, 2022 and 2023	Compliant	
	8	SURRENDER OF EXISTING DEVELOPMENT CONSENT		By the end of December 2015, or as otherwise agreed by the Secretary, the Proponent shall surrender all existing development consents that it holds for the site in accordance with Section 104A of the EP&A Act		2018 Audit: Non Compliant Surrendered 2 June 2017	Non Compliant	No further action required.
	9	SURRENDER OF EXISTING DEVELOPMENT CONSENT		Prior to the surrender of this development consent, the conditions of this approval shall prevail to the extent of any inconsistency with the conditions of that consent.		2018 Audit	Compliant	
	10	STRUCTURAL ADEQUACY		The Proponent shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.		Site visit-no new building were observed	Compliant	
	10	Notes		the Proponent is required to obtain construction and occupation certificates for the proposed building works;		Site visit-no new building were observed	Compliant	
	11	DEMOLITION		The Proponent shall ensure that all demolition work is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version.		Site visit-no demolitions were undertaken oin the audit period.	Compliant	
	12a	PROTECTION OF PUBLIC INFRASTRUCTURE		repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the project; and		Copy of MYOB payments to Council for road upkeep	Compliant	

Schedule	Condition number	Category	Sub Category	Condition	Audit doc number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
	12b	PROTECTION OF PUBLIC INFRASTRUCTURE		relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the project.		2018 Audit found Telephone cabling replaced 10-15 years ago	Compliant	
	13a	OPERATION OF PLANT AND EQUIPMENT		all the plant and equipment used at the site is: maintained in a proper and efficient condition; and	1	Copies of maintenance logs for equipment	Compliant	
	13b	OPERATION OF PLANT AND EQUIPMENT		all the plant and equipment used at the site is operated in a proper and efficient manner.		Copies of equipment prestart checklists	Compliant	
	14	UPDATING AND STAGING OF STRATEGIES, PLANS OR PROGRAMS		the Proponent may at any time submit revised strategies, plans or programs for the approval of the Secretary		Any revised strategies, plans or programs	Compliant	
	15a	PRODUCTION DATA		provide annual quarry production data to DRE using the standard form for that purpose		Annual production DRE forms for financial years ending 2021,2022,2023. Evidence they were sent	Compliant	
	15b	PRODUCTION DATA		may prepare a revision of or a stage of a strategy, plan or program without undertaking consultation with all parties nominated under the applicable condition in this approval.			Compliant	
	15c	PRODUCTION DATA		report this data in the Annual Review (see condition 4 of Schedule 5).			Compliant	
	16a	IDENTIFICATION OF APPROVED EXTRACTION LIMITS		By 30 September 2014 engage a registered surveyor to mark out the boundaries of the approved limits of extraction within the entire site;		Provide survey plan of placed pegs and view the pegs at the site visit	Compliant	
	16b	IDENTIFICATION OF APPROVED EXTRACTION LIMITS		By 30 September 2014 submit a survey plan of these boundaries with applicable GPS coordinates to the Secretary		Survey plan was provided	Compliant	
	17	IDENTIFICATION OF APPROVED EXTRACTION LIMITS		While quarrying operations are being carried out, the Proponent shall ensure that these boundaries are clearly marked at all times in a manner that allows operating staff to clearly identify the approved limits of extraction	Photograph 1	Plan provided in the 2015. Pegs either sighted or covered with acoustic mounds	Compliant	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	Note	SOIL AND WATER	Note	the proponent is required to obtain the necessary water licences for the project, including in respect of the extraction and/or interception of groundwater	1	Reviewed WAL on Office of Water website. Relevant WALs are for the appropriate groundwater source.	Compliant	
3	1	SOIL AND WATER	Water Supply	ensure that it has sufficient water for all stages of the project,		Site visit. Sufficient water for operations supplied by rainfall and groundwater seepage and stored in quarry voids	Compliant	
3	2 paragraph 1	SOIL AND WATER	Compensatory Water Supply	provide a compensatory water supply to any owner of a privately-owned groundwater bore where monitoring indicates that the project is causing (or contributing to, in conjunction with another quarry project) a reduction in pumping yield of more than 10%, or a 2 metre decline in the water table, in consultation with NOW, and to the satisfaction of the Secretary			Not triggered	
3	2 paragraph 2	SOIL AND WATER	Compensatory Water Supply	The compensatory water supply measures must provide an alternative long-term supply of water that is equivalent to the loss attributed to the project. Equivalent water supply must be provided (at least on an interim basis) within 24 hours of the loss being identified.			Not triggered	
3	2 paragraph 3	SOIL AND WATER	Compensatory Water Supply	If the Proponent and the landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Secretary for resolution.			Not triggered	
3	2 paragraph 4	SOIL AND WATER	Compensatory Water Supply	If the Proponent is unable to provide an alternative long-term supply of water, then the Proponent shall provide alternative compensation to the satisfaction of the Secretary.			Not triggered	
3	3	SOIL AND WATER	Pollution of Waters	Unless an EPL authorises otherwise, the Proponent shall comply with section 120 of the POEO Act during the carrying out of the project		Surface and Groundwater reports	Compliant	
3	4	SOIL AND WATER	Water Management Plan	prepare and implement a Water Management Plan for the project		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4a	SOIL AND WATER	Water Management Plan	be prepared by suitably qualified person(s), approved by the Secretary		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4b	SOIL AND WATER	Water Management Plan	be prepared in consultation with NOW, and be submitted to the Secretary for approval by the end of November 2014;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4c (i) dot point 1	SOIL AND WATER	Water Management Plan	include a: (i) Site Water Balance that includes: • details of: o sources and security of water supply; o water use and management on site; o any off-site water transfers; o reporting procedures		Verified in previous audit. Site water balance not presented. Though required aspects are addressed in sections of the WMP.	Compliant	
3	4c (i) dot point 2	SOIL AND WATER	Water Management Plan	Site Water Balance that includes: measures that would be implemented to minimise clean water use on site		Grants Road Environmental Plan of Management, May 2016	Compliant	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	4c (ii) dot point 1	SOIL AND WATER	Water Management Plan	Surface Water Management Plan that includes detailed baseline data on surface water flows and quality in water bodies that could potentially be affected by the project;		Verified in previous audit. Surface water quality reported. Surface water flows neither estimated nor measured.	Non Compliant	Time has past beyond the point to collect baseline data
3	4c (ii) dot point 2	SOIL AND WATER	Water Management Plan	SW Plan includes a detailed description of the water management system on site, including the: <ul style="list-style-type: none"> <li>o clean water diversion system;</li> <li>o erosion and sediment controls;</li> <li>o dirty water management system; and</li> <li>o water storages;</li> </ul>	Photograph 1 and 2	Pollution Control Dam constructed	Compliant	
3	4c (ii) dot point 3	SOIL AND WATER	Water Management Plan	a program to monitor and report on surface water flows and quality in water bodies that could potentially be affected by the project;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4c (ii) dot point 3	SOIL AND WATER	Water Management Plan	SW Plan includes a comparison of monitoring results with modelled predictions			Not triggered	
3	4c (iii) dot point 1	SOIL AND WATER	Water Management Plan	Groundwater Management Plan includes detailed baseline data on groundwater levels, yield and quality in local sandstone aquifers, privately-owned groundwater bores and in areas of high priority GDEs that could be affected by the project		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4c (iii) dot point 2	SOIL AND WATER	Water Management Plan	GW Plan includes groundwater impact assessment criteria for local sandstone aquifers, privately-owned bores and high priority GDEs;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4c (iii) dot point 3	SOIL AND WATER	Water Management Plan	GW Plan includes a program to monitor and report on: <ul style="list-style-type: none"> <li>o groundwater inflows to the quarrying operations;</li> <li>o the impacts of the project on: <ul style="list-style-type: none"> <li>- local sandstone aquifers;</li> <li>- privately-owned groundwater bores; and</li> <li>- high priority GDEs,</li> </ul> </li> </ul> including provision for continuous groundwater monitoring		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4c (iii) dot point 4	SOIL AND WATER	Water Management Plan	GWMP includes a program to validate the groundwater model for the project, and comparison of monitoring results with modelled predictions		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4c (iii) dot point 5	SOIL AND WATER	Water Management Plan	GW Plan includes a protocol, developed in consultation with Central Coast Sands Quarry, to appropriately apportion responsibility for any potential impacts to privately-owned groundwater bores and/or high priority GDEs that may be affected cumulatively by the project and operations at Central Coast Sands Quarry		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4c (iii) dot point 6	SOIL AND WATER	Water Management Plan	GWMP includes an investigation of opportunities to maintain ecosystem function in high priority GDEs to the west and northwest of the project through facilitating run-on of clean surface waters;	2	Review of updated GWMP	Compliant	Include the up-dated GWMP in the Environmental Plan on the GRSQP webpage
3	4c (iv)	SOIL AND WATER	Water Management Plan	a Surface and Ground Water Contingency Strategy	2	Review of updated GWMP	Compliant	Include the up-dated GWMP in the Environmental Plan on the GRSQP webpage

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	4c (iv) dot point 1	SOIL AND WATER	Water Management Plan	SW&GW Contingency strategy includes a protocol for the investigation, notification and mitigation of identified exceedances of the surface water and groundwater impact assessment criteria;		Review of updated GWMP	Compliant	
3	4c (iv) dot point 2	SOIL AND WATER	Water Management Plan	SW&GW Contingency strategy includes measures to mitigate and/or compensate potentially affected landowners of privately-owned land, including provision of alternative long-term supply of water to the affected landowner that is equivalent to the loss attributed to the project		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	4c (iv) dot point 3	SOIL AND WATER	Water Management Plan	SW&GW Contingency strategy includes the procedures that would be followed if any unforeseen impacts are detected during the project.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	5	NOISE	Hours of Operation	The Proponent shall only conduct construction activities and quarrying operations on the site: (a) between 7.00 am and 6.00 pm, Monday to Friday; (b) between 7.00 am and 1.00 pm, Saturday; and (c) at no time on Sunday or public holidays		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	6	NOISE	Hours of Operation	The following activities may be carried out on the site outside the hours specified in condition 5: (a) delivery or dispatch of materials as requested by Police or other authorities; and (b) emergency work to avoid the loss of lives, property and/or to prevent environmental harm. In such circumstances the Proponent shall notify the Secretary and affected residents prior to undertaking the activities, or as soon as is practical thereafter		VNMP addresses management practices Truck Drivers Code of Conduct address road noise	Compliant	
3	7	NOISE	Noise Impact Assessment Criteria7	the construction and operational noise generated by the project does not exceed the criteria in Table 1 at any residence on privately-owned land ( $L_{Aeq(15min)}$ dB(A) 40. Table 1 do not apply if the Proponent has an agreement with the relevant landowner to exceed the noise criteria, and the Proponent has advised the Department in writing of the terms of the agreement.	2021, 2022 and 2023 Annual Environmental Management Report	Noise monitoring results for 2021, 2022 and 2023	Compliant	See Section 6.3.5 or further information
3	8a	NOISE	Operating Conditions	implement best management practice to minimise the construction, operational and road noise of the project.		NMP addresses management practices Truck Drivers Code of Conduct address road noise	Compliant	
3	8b	NOISE	Operating Conditions	regularly assess noise monitoring data and relocate, modify and/or stop operations on site to ensure compliance with the noise criteria in this approval;		Noise monitoring is scheduled annually,	Compliant	
3	8c	NOISE	Operating Conditions	maintain the effectiveness of noise suppression equipment on plant and equipment on site;		Site visit. One noise complaint in April 2023.	Compliant	
3	8d	NOISE	Operating Conditions	minimise the noise impacts of the project during meteorological conditions under which the noise limits in this approval do not apply (see Appendix 2);		Review Annual Noise Monitoring Reports	Compliant	
3	8e	NOISE	Operating Conditions	carry out regular noise monitoring to determine whether the project is complying with the relevant conditions of this approval,		Review Annual Noise Monitoring Reports	Compliant	
3	9	NOISE	Noise Management Plan	prepare and implement a Noise Management Plan for the project to the satisfaction of the Secretary.		Grants Road Environmental Plan of Management, May 2016	Compliant	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	9a	NOISE	Noise Management Plan	NM Plan must be prepared in consultation with the EPA, and submitted to the Secretary for approval by the end of November 2014		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	9b	NOISE	Noise Management Plan	NM Plan must describe the measures that would be implemented to ensure: <ul style="list-style-type: none"> <li>• compliance with the relevant conditions of this approval;</li> <li>• best management practice is being employed; and</li> <li>• the noise impacts of the project are minimised during meteorological conditions under which the noise criteria in this approval do not apply;</li> </ul>		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	9c	NOISE	Noise Management Plan	NM Plan must describe the proposed noise management system		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	9d	NOISE	Noise Management Plan	NM Plan must include a monitoring program that: <ul style="list-style-type: none"> <li>• uses attended monitoring to evaluate the compliance of the project against the noise criteria in this approval;</li> <li>• evaluates and reports on the effectiveness of the noise management system and the best practice noise management measures; and</li> <li>• defines what constitutes a noise incident at the project, and includes a protocol for identifying and notifying the Department and relevant stakeholders of any noise incidents.</li> </ul>		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	10	AIR QUALITY		The Proponent shall ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the project do not exceed the criteria listed in Tables 2, 3, 4 and 5 at any residence on privately-owned land.		Review air quality data	Compliant	
3	11a	AIR QUALITY	Operating Conditions	implement best practice management to minimise the dust emissions of the project;		Grants Road Environmental Plan of Management, May 2016 and site visit	Compliant	
3	11b	AIR QUALITY	Operating Conditions	regularly assess air quality monitoring data and relocate, modify and/or stop operations on site to ensure compliance with the air quality criteria in this approval;		Review air quality results	Compliant	
3	11c	AIR QUALITY	Operating Conditions	minimise the air quality impacts of the project during adverse meteorological conditions and extraordinary events (see note d under Table 5);	4	AQMP has been updated	Compliant	Include the up-dated AQMP in the Environmental Plan on the GRSQP webpage
3	11d	AIR QUALITY	Operating Conditions	implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site; and	5	Check servicing records	Compliant	
3	11e	AIR QUALITY	Operating Conditions	minimise the area of surface disturbance and maximise progressive rehabilitation of the site; and		Site visit	Compliant	
3	11f	AIR QUALITY	Operating Conditions	carry out regular air quality monitoring to determine whether the project is complying with the relevant conditions of this approval.	6	PM10 Air monitoring remains irregular. However, The results obtained suggests compliance to the relevant conditions.	Non Compliant	Non compliance issued by EPA for 2022 and 2023. Substantial data gaps for PM10. Improved data recovery in 2024.
3	12	AIR QUALITY	Air Quality Management Plan	prepare and implement an Air Quality Management Plan for the project to the satisfaction of the Secretary. This plan must		AMQP submitted in March 2015.	Compliant	
3	12a	AIR QUALITY	Air Quality Management Plan	be prepared in consultation with the EPA and submitted to the Secretary for approval by the end of November 2014;		Grants Road Environmental Plan of Management, May 2016	Compliant	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	12b dot point 1	AIR QUALITY	Air Quality Management Plan	describe the measures that would be implemented to ensure: • compliance with the relevant conditions of this approval;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	12b dot point 2	AIR QUALITY	Air Quality Management Plan	• best practice management is being employed; and		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	12 b dot point 3	AIR QUALITY	Air Quality Management Plan	• the air quality impacts of the project are minimised during adverse meteorological conditions and extraordinary events;	4	AQMP has been updated	Compliant	Include the up-dated AQMP in the Environmental Plan on the GRSQP webpage
3	12c	AIR QUALITY	Air Quality Management Plan	describe the proposed air quality management system; and		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	12d dot point 1	AIR QUALITY	Air Quality Management Plan	(d) include an air quality monitoring program that: • is capable of evaluating the performance of the project;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	12d dot point 2	AIR QUALITY	Air Quality Management Plan	• includes a protocol for determining any exceedances of the relevant conditions of approval;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	12d dot point 3	AIR QUALITY	Air Quality Management Plan	• effectively supports the air quality management system; and		Grants Road Environmental Plan of Management, May 2016t	Compliant	
3	12d dot point 4	AIR QUALITY	Air Quality Management Plan	• evaluates and reports on the adequacy of the air quality management system.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	13	METEOROLOGICAL MONITORING		For the life of the project, the Proponent shall ensure that there is a suitable meteorological station operating in the vicinity of the site that complies with the requirements in the Approved Methods for Sampling of Air Pollutants in New South Wales guideline		site visit	Non Compliant	Non compliance issued by EPA for 2022 and 2023. Substantial data gaps for wind and rain. Improved data recovery in 2024.
3	14a dot point 1	TRANSPORT	Monitoring of Product Transport	keep accurate records of the: • amount of quarry products transported from the site (per calendar month and year); and		review website	Compliant	
3	14a dot point 2	TRANSPORT	Monitoring of Product Transport	• number of laden vehicle movements from the site (per hour, day, week, calendar month and year); and		review website	Compliant	
3	14b	TRANSPORT	Monitoring of Product Transport	publish these records on its website biannually		review website	Compliant	
3	15a	TRANSPORT	Operating Conditions	all project-related heavy vehicles enter and exit the site in a forward direction;		Site visit	Compliant	
3	15b	TRANSPORT	Operating Conditions	all laden vehicles entering or leaving the site have their loads covered; and		Site visit	Compliant	
3	15c	TRANSPORT	Operating Conditions	all laden vehicles leaving the site are cleaned of sand and other material that may fall on the road, before leaving the site.		Site visit	Compliant	
3	16	TRANSPORT	Grants Road Maintenance	prepare a road condition assessment and road maintenance contributions study of Grants Road		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	16a	TRANSPORT	Grants Road Maintenance	The study must: be undertaken by a suitably qualified, experienced and independent person(s) endorsed by the Secretary;		Grants Road Environmental Plan of Management, May 2016. Secreatry endorsement was not provided	Non Compliant	no further action
3	16b	TRANSPORT	Grants Road Maintenance	be undertaken in consultation with Council;		Grants Road Environmental Plan of Management, May 2016	Compliant	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	16c	TRANSPORT	Grants Road Maintenance	be submitted to the Secretary for approval by the end of March 2015;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	16d	TRANSPORT	Grants Road Maintenance	be co-funded by the Proponent and the operator of the Central Coast Sands Quarry on a basis which is proportionate to the maximum number of tonnes of quarry product expected to be dispatched from each quarry over the life of their major project approvals, and the length of Grants Road affected by laden vehicles from each quarry;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	16e	TRANSPORT	Grants Road Maintenance	(e) assess current road condition of the length of Grants Road affected by laden vehicles from each quarry, and future road maintenance requirements for this length of road over the life of the major project approvals for both quarries;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	16f	TRANSPORT	Grants Road Maintenance	(f) give consideration to the usage of Grants Road by laden vehicles from each quarry over the past five years and the predicted usage of Grants Road by laden vehicles from each quarry over the life of their major project approvals, including any importation of VENM; and		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	16g	TRANSPORT	Grants Road Maintenance	(g) recommend per tonne/per kilometre road maintenance contributions for the project for the haulage of quarry products and VENM on Grants Road.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	17	TRANSPORT	Grants Road Maintenance	The Proponent shall pay contributions to Council for the maintenance of Grants Road, in accordance with the study required under condition 16,	7	MYOB/financial record of payments	Compliant	
3	18	TRANSPORT	Traffic Management Plan	prepare and implement a Traffic Management Plan for the project		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	18a	TRANSPORT	Traffic Management Plan	This plan must: be submitted to the Secretary for approval by the end of November 2014;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	18b	TRANSPORT	Traffic Management Plan	include a drivers' code of conduct to minimise the impacts of project-related trucks on local residences and road users; and		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	18c	TRANSPORT	Traffic Management Plan	describe the measures that would be put in place to ensure compliance with the drivers' code of conduct.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	19	BIODIVERSITY	Biodiversity Performance Measures	The Proponent shall ensure that the project does not cause any exceedances of the performance measures in Table 6	6	Review Flora and Fauna Surveys for 2021, 2022 and 2023	Compliant	
3	20a	BIODIVERSITY	Offsets	If the Proponent exceeds the performance measures in Table 6 and the Secretary determines that: it is not reasonable or feasible to remediate the impact or environmental consequence; or	6	Review Flora and Fauna Surveys for 2021, 2022 and 2023	Not triggered	
3	20b	BIODIVERSITY	Offsets	remediation measures implemented by the Proponent have failed to satisfactorily remediate the impact or environmental consequence;	6	Review Flora and Fauna Surveys for 2021, 2022 and 2023	Not triggered	
3	20	BIODIVERSITY	Offsets	then the Proponent shall provide a suitable offset to compensate for the impact or environmental consequence, to the satisfaction of the Secretary.	6	Review Flora and Fauna Surveys for 2021, 2022 and 2023	Not triggered	
3	21	BIODIVERSITY	Groundwater Dependent Ecosystem Monitoring and Management Program	The Proponent shall undertake additional studies on the high priority GDEs located within 1 kilometre of extraction operations under the approval and potentially impacted by the project. The studies shall be undertaken in consultation with NOW and include:		Grants Road Environmental Plan of Management, May 2016it	Compliant	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	21a	BIODIVERSITY	Groundwater Dependent Ecosystem Monitoring and Management Program	(a) a description of the nature and extent of groundwater reliance for each GDE;		Grants Road Environmental Plan of Management, May 2016t	Compliant	Larry Cook
3	21b	BIODIVERSITY	Groundwater Dependent Ecosystem Monitoring and Management Program	(b) long-term monitoring of the condition of the GDEs;	6	GDE monitoring reports for 2018, 2019, 2020 and 2021	Compliant	
3	21c	BIODIVERSITY	Groundwater Dependent Ecosystem Monitoring and Management Program	(c) performance indicators for project-related environmental consequences on GDEs and trigger levels to initiate mitigation/response measures; and		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	21d	BIODIVERSITY	Groundwater Dependent Ecosystem Monitoring and Management Program	(d) mitigation/response measures to ensure minor environmental consequences on the GDEs,		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	21	BIODIVERSITY	Groundwater Dependent Ecosystem Monitoring and Management Program	to the satisfaction of the Secretary.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	22	BIODIVERSITY	Somersby Mintbush Monitoring and Management Program	The Proponent shall prepare and implement, in consultation with OEH and Council, a Somersby Mintbush ( <i>Prostanthera junonis</i> ) Monitoring Program within the vicinity of the site. This program must include:		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	22a	BIODIVERSITY	Somersby Mintbush Monitoring and Management Program	a baseline assessment of the extent and condition of the Somersby Mintbush populations before commencement of quarrying operations under the approval;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	22b	BIODIVERSITY	Somersby Mintbush Monitoring and Management Program	long-term monitoring of these populations;	6	Flora monitoring reports for 2018, 2019, 2020 and 2021	Compliant	
3	22c	BIODIVERSITY	Somersby Mintbush Monitoring and Management Program	establishment of performance indicators for project-related environmental consequences on Somersby Mintbush and trigger levels to initiate mitigation/response measures;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	22d	BIODIVERSITY	Somersby Mintbush Monitoring and Management Program	mitigation/response measures to ensure negligible environmental consequences on the Somersby Mintbush, to the satisfaction of the Secretary.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	23	BIODIVERSITY	Biodiversity Offset Strategy	The Proponent shall implement the biodiversity offset strategy described in the EA, as summarised and revised in Table 7, and shown conceptually in Appendix 3, to the satisfaction of the Secretary.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	24	BIODIVERSITY	Long Term Security of Offset	The Proponent shall make suitable arrangements to provide appropriate long-term security for the offset areas prior to the commencement of extraction operations under this approval unless otherwise agreed by the Secretary, to the satisfaction of the Secretary.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	25	LANDSCAPE	Rehabilitation Objectives	The Proponent shall rehabilitate the site to the satisfaction of the Secretary. This rehabilitation must be generally consistent with the rehabilitation strategy in the EA, and comply with the objectives in Table 8.		Landscape, Reahabilitation and Biodiversity Offset Area 2021, 2022 and 2023 Annual Monitoeing Reports	Not triggered	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	26	LANDSCAPE	Progressive Rehabilitation	The Proponent 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 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.		Landscape, Rehabilitation and Biodiversity Offset Area 2021, 2022 and 2023 Annual Monitoring Reports	Not triggered	
3	27	LANDSCAPE	Landscape and Rehabilitation Management Plan	The Proponent shall prepare and implement a Landscape and Rehabilitation Management Plan for the site, including the offset area, to the satisfaction of the Secretary. This plan must:		Grants Road Environmental Plan of Management, May 2016t	Compliant	
3	27a	LANDSCAPE	Landscape and Rehabilitation Management Plan	(a) be prepared by suitably qualified person(s) whose appointment has been approved by the Secretary;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27b	LANDSCAPE	Landscape and Rehabilitation Management Plan	(b) be prepared in consultation with OEH, DRE and Council, and submitted to the Secretary for approval by the end of July 2015;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27c	LANDSCAPE	Landscape and Rehabilitation Management Plan	(c) describe how the implementation of the biodiversity offset strategy would be integrated with the overall rehabilitation of the site;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27d dot point 1	LANDSCAPE	Landscape and Rehabilitation Management Plan	(d) describe the short, medium, and long term measures that would be implemented to: • manage the remnant vegetation and habitat on the site and in the offset areas;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27d dot point 2	LANDSCAPE	Landscape and Rehabilitation Management Plan	• implement the biodiversity offset strategy; and		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27d dot point 3	LANDSCAPE	Landscape and Rehabilitation Management Plan	• ensure compliance with the rehabilitation objectives and the progressive rehabilitation obligations in this approval;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27e	LANDSCAPE	Landscape and Rehabilitation Management Plan	(e) include detailed performance and completion criteria for evaluating the performance of the biodiversity offset strategy and the rehabilitation of the site, including triggers for any necessary remedial action;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27f dot point 1	LANDSCAPE	Landscape and Rehabilitation Management Plan	(f) 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 initial preparation of the plan), including the procedures to be implemented for: • enhancing the quality of remnant vegetation and fauna habitat;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27f dot point 2	LANDSCAPE	Landscape and Rehabilitation Management Plan	• landscaping the site and along public roads to minimise visual and lighting impacts;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27f dot point 3	LANDSCAPE	Landscape and Rehabilitation Management Plan	• restoring native endemic vegetation and fauna habitat;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27f dot point 4	LANDSCAPE	Landscape and Rehabilitation Management Plan	• maximising the salvage of environmental resources within the approved disturbance area – including tree hollows, vegetative and soil resources – for beneficial reuse;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27f dot point 5	LANDSCAPE	Landscape and Rehabilitation Management Plan	• ensuring minimal environmental consequences for threatened species, populations and habitats;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27f dot point 6	LANDSCAPE	Landscape and Rehabilitation Management Plan	• minimising the impacts on native fauna, including undertaking pre-clearance surveys;		Grants Road Environmental Plan of Management, May 2016	Compliant	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	27f dot point 7	LANDSCAPE	Landscape and Rehabilitation Management Plan	<ul style="list-style-type: none"> <li>controlling weeds and feral pests;</li> </ul>		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27f dot point 8	LANDSCAPE	Landscape and Rehabilitation Management Plan	<ul style="list-style-type: none"> <li>controlling erosion;</li> </ul>		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27f dot point 9	LANDSCAPE	Landscape and Rehabilitation Management Plan	<ul style="list-style-type: none"> <li>controlling access; and</li> </ul>		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27f dot point 10	LANDSCAPE	Landscape and Rehabilitation Management Plan	<ul style="list-style-type: none"> <li>bushfire management;</li> </ul>		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27g	LANDSCAPE	Landscape and Rehabilitation Management Plan	(g) include a program to monitor the effectiveness of these measures, and progress against the performance and completion criteria;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27h	LANDSCAPE	Landscape and Rehabilitation Management Plan	(h) identify the potential risks to the implementation of the biodiversity offset strategy and rehabilitation of the site, and include a description of the contingency measures that would be implemented to mitigate these risks; and		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	27i	LANDSCAPE	Landscape and Rehabilitation Management Plan	(i) include details of who would be responsible for monitoring, reviewing and implementing the plan.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	28	LANDSCAPE	Conservation and Rehabilitation Bond	The Proponent shall lodge a Conservation and Rehabilitation Bond with the Department within 6 months of the approval of the Landscape and Rehabilitation Management Plan, to ensure that the biodiversity offset strategy and rehabilitation of the site are implemented in accordance with the performance and completion criteria set out in the Plan. The sum of the bond shall be determined by:		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	28a	LANDSCAPE	Conservation and Rehabilitation Bond	(a) calculating the cost of implementing the biodiversity offset strategy over the next 3 years;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	28b	LANDSCAPE	Conservation and Rehabilitation Bond	(b) calculating the cost of rehabilitating disturbed areas of the site, taking into account the likely surface disturbance over the next 3 years of quarrying operations; and		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	28c	LANDSCAPE	Conservation and Rehabilitation Bond	(c) employing a suitably qualified quantity surveyor or other expert to verify the calculated costs, to the satisfaction of the Secretary.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	28 Note	LANDSCAPE	Conservation and Rehabilitation Bond	<ul style="list-style-type: none"> <li>Alternative funding arrangements for long term management of the biodiversity offset strategy, such as provision of capital and management funding as agreed by OEH as part of a Biobanking Agreement or transfer to conservation reserve estate can be used to reduce the liability of the conservation and biodiversity bond.</li> </ul>		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	28 Note	LANDSCAPE	Conservation and Rehabilitation Bond	<ul style="list-style-type: none"> <li>If capital and other expenditure required by the Landscape and Rehabilitation Management Plan is largely complete, the Secretary may waive the requirement for the lodgement of a bond in respect of the remaining expenditure.</li> </ul>			Not triggered	
3	28 Note	LANDSCAPE	Conservation and Rehabilitation Bond	<ul style="list-style-type: none"> <li>If the rehabilitation of the site area 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.</li> </ul>			Not triggered	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
3	29	LANDSCAPE	Conservation and Rehabilitation Bond	Within 3 months of each Independent Environmental Audit (see condition 9 of Schedule 5), the Proponent shall review, and if necessary revise, the sum of the Conservation and Rehabilitation Bond to the satisfaction of the Secretary. This review must:		Revision of the bond not undertaken within 3 months	Non Compliant	Review of bond is required prior to April 30 2025.
3	29a	LANDSCAPE	Conservation and Rehabilitation Bond	consider the performance of the implementation of the rehabilitation of the site to date;	2	Revision of the bond undertaken	Compliant	Review of bond is required prior to April 30 2025.
3	29b	LANDSCAPE	Conservation and Rehabilitation Bond	consider the effects of inflation; and	2	Revision of the bond undertaken	Compliant	Review of bond is required prior to April 30 2025.
3	29c	LANDSCAPE	Conservation and Rehabilitation Bond	calculate the cost of rehabilitating the disturbed areas of the site (taking into account the likely surface disturbance over the next 3 years of quarrying operations.	2	Revision of the bond undertaken	Compliant	Review of bond is required prior to April 30 2022.
3	30	HERITAGE	Heritage Management Plan	The Proponent shall prepare and implement an Aboriginal Cultural Heritage Management Plan for the project to the satisfaction of the Secretary. This plan must:		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30a	HERITAGE	Heritage Management Plan	(a) be prepared by suitably qualified person(s) whose appointment has been approved by the Secretary;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30b	HERITAGE	Heritage Management Plan	(b) be prepared in consultation with OEH and local Aboriginal stakeholders;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30c	HERITAGE	Heritage Management Plan	(c) be submitted to the Secretary for approval by the end of November 2014;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30d dot point 1	HERITAGE	Heritage Management Plan	(d) include a description of the measures that would be implemented for:		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30d dot point 2	HERITAGE	Heritage Management Plan	• protecting, monitoring and managing Aboriginal sites within the site, including the biodiversity offset strategy;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30d dot point 3	HERITAGE	Heritage Management Plan	• maintaining and managing reasonable access for Aboriginal stakeholders to cultural heritage items on site and in the biodiversity offset areas;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30d dot point 4	HERITAGE	Heritage Management Plan	• managing the discovery of any human remains or previously unidentified Aboriginal objects on site, including (in the case of human remains) stop work provisions and notification protocols;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30d dot point 5	HERITAGE	Heritage Management Plan	• ongoing consultation with the local Aboriginal stakeholders in the conservation and management of Aboriginal cultural heritage both on-site and in the biodiversity offset areas;		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30d dot point 6	HERITAGE	Heritage Management Plan	• ensuring any workers on site receive suitable heritage inductions prior to carrying out any activities which may disturb Aboriginal sites, and that suitable records are kept of these inductions; and		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30d dot point 7	HERITAGE	Heritage Management Plan	• the long term management of the Aboriginal cultural heritage values of the site post extraction operations and rehabilitation of the site.		Grants Road Environmental Plan of Management, May 2016	Compliant	
3	30	VISUAL		The Proponent shall implement all reasonable and feasible measures to minimise the visual and off-site lighting impacts of the project to the satisfaction of the Secretary.		site visit	Not triggered	
3	31a	VISUAL		The Proponent shall: (a) vegetate any earthen perimeter bund at the project within 3 months of establishing the bund, using appropriate flora species to minimise the visual and off-site sedimentation impacts of the project; and		site visit	Compliant	



Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Verification Method	Compliant/Non Compliant	Corrective Actions/Recommendations
4	1a	NOTIFICATION OF LANDOWNERS		As soon as practicable after obtaining monitoring results showing: (a) an exceedance of any relevant criteria in Schedule 3, the Proponent shall notify the affected landowners in writing of the exceedance, and provide regular monitoring results to each affected landowner until the project is again complying with the relevant criteria; and		Monitoring Data	Not Triggered	
4	1b	NOTIFICATION OF LANDOWNERS		(b) an exceedance of any relevant air quality criteria in Schedule 3, the Proponent shall send a copy of the NSW Health fact sheet entitled "Mine Dust and You" (as may be updated from time to time) to the affected landowners and current tenants of the land (including the tenants of land which is not privately-owned).		Monitoring Data	Not Triggered	
4	2	INDEPENDENT REVIEW		If an owner of privately-owned land considers the project to be exceeding the relevant criteria in Schedule 3, then he/she may ask the Secretary in writing for an independent review of the impacts of the project on his/her land.		Monitoring Data	Not Triggered	
4	2a dot point 1	INDEPENDENT REVIEW		If the Secretary is satisfied that an independent review is warranted, then within 2 months of the Secretary's decision, the Proponent shall: (a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to: • consult with the landowner to determine his/her concerns;		Monitoring Data	Not Triggered	
4	2a dot point 2	INDEPENDENT REVIEW		• conduct monitoring to determine whether the project is complying with the relevant criteria in Schedule 3; and		Monitoring Data	Not Triggered	
4	2a dot point 3	INDEPENDENT REVIEW		• if the project is not complying with these criteria, then identify measures that could be implemented to ensure compliance with the relevant criteria; and		Monitoring Data	Not Triggered	
4	2b	INDEPENDENT REVIEW		(b) give the Secretary and landowner a copy of the independent review.		Monitoring Data	Not Triggered	
							Compliant	0
							Non Compliant	0
							Not triggered	7
								7

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Compliant/Non Compliant					Corrective Actions/ Recommendations	
5	1	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	The Proponent shall prepare and implement an Environmental Management Strategy for the project to the satisfaction of the Secretary. The strategy must:	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1a	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	(a) be submitted to the Secretary for approval by the end of November 2014;	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1b	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	(b) provide the strategic framework for environmental management of the project;	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1c	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	(c) identify the statutory approvals that apply to the project;	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1d	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	(d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1e dot point 1	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	(e) describe the procedures that would be implemented to: • keep the local community and relevant agencies informed about the operation and environmental performance of the project;	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1e dot point 2	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	• receive, record, handle, and respond to complaints;	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1e dot point 3	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	• resolve any disputes that may arise during the course of the project;	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1e dot point 4	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	• respond to any non-compliance;	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1e dot point 5	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	• respond to emergencies; and	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1f dot point 1	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	(f) include: • copies of any strategies, plans and programs approved under the conditions of this approval; and	Grants Road Environmental Plan of Management, May 2016	Compliant						
5	1f dot point 2	ENVIRONMENTAL MANAGEMENT	Environmental Management Strategy	• a clear plan depicting all the monitoring to be carried out under the conditions of this approval	Grants Road Environmental Plan of Management, May 2016	Compliant						

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Compliant/Non Compliant						Corrective Actions/ Recommendations
						Noise	Water	Air	Traffic	Biodiversity	Heritage	
5	2	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	2. The Proponent shall ensure that the management plans required under this approval are prepared in accordance with any relevant guidelines, and include:	Grants Road Environmental Plan of Management, May 2016							
5	2a	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	(a) detailed baseline data;	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	N/A	Compliant	N/A	
5	2b dot point 1	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	(b) a description of: • the relevant statutory requirements (including any relevant approval, licence or lease conditions);	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant	
5	2b dot point 2	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	• any relevant limits or performance measures/criteria;	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	N/A	Compliant	Compliant	
5	2b dot point 3	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	• the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the project or any management measures;	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant	
5	2c	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	(c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant	
5	2d dot point 1	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	(d) a program to monitor and report on the: • impacts and environmental performance of the project;	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant	
5	2d dot point 2	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	• effectiveness of any management measures (see c above);	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant	
5	2e	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	(e) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	N/A	Compliant	Compliant	
5	2f	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	(f) a program to investigate and implement ways to improve the environmental performance of the project over time;	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	N/A	Compliant	Compliant	
5	2g dot point 1	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	(g) a protocol for managing and reporting any: • incidents;	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant	
5	2g dot point 2	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	• complaints;	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	N/A	Compliant	Compliant	

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Compliant/Non Compliant						Corrective Actions/ Recommendations
5	2g dot point 3	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	<ul style="list-style-type: none"> <li>non-compliances with statutory requirements; and</li> </ul>	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	N/A	Compliant	Compliant	
5	2g dot point 4	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	<ul style="list-style-type: none"> <li>exceedances of the impact assessment criteria and/or performance criteria; and</li> </ul>	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	N/A	Compliant	Compliant	
5	2h	ENVIRONMENTAL MANAGEMENT	Management Plan Requirements	(h) a protocol for periodic review of the plan.	Grants Road Environmental Plan of Management, May 2016	Compliant	Compliant	Compliant	N/A	Compliant	Compliant	
5	3	ENVIRONMENTAL MANAGEMENT	Adaptive Management	The Proponent must assess and manage project-related risks to ensure that there are no exceedances of the criteria and/or performance measures in Schedule 3. Any exceedance of these criteria and/or performance measures constitutes a breach of this approval and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation		Not Triggered						
5	3a	ENVIRONMENTAL MANAGEMENT	Adaptive Management	Where any exceedance of these criteria and/or performance measures has occurred, the Proponent must, at the earliest opportunity: (a) take all reasonable and feasible steps to ensure that the exceedance ceases and does not reoccur;		Not Triggered						
5	3b	ENVIRONMENTAL MANAGEMENT	Adaptive Management	(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		Not Triggered						
5	3c	ENVIRONMENTAL MANAGEMENT	Adaptive Management	(c) implement remediation measures as directed by the Secretary,		Not Triggered						
5	4	ENVIRONMENTAL MANAGEMENT	Annual Review	By the end of March each year, or other timing as may be agreed by the Secretary, the Proponent shall review the environmental performance of the project to the satisfaction of the Secretary. This review must:	Reports available on the Quarry's website	Compliant						
5	4a	ENVIRONMENTAL MANAGEMENT	Annual Review	(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;	<a href="https://www.grantsrdsand.com.au/">https://www.grantsrdsand.com.au/</a>	Compliant						
5	4b dot point 1	ENVIRONMENTAL MANAGEMENT	Annual Review	(b) include a comprehensive review of the monitoring results and complaints records of the project over the past calendar year, which includes a comparison of these results against the: <ul style="list-style-type: none"> <li>relevant statutory requirements, limits or performance measures/criteria;</li> </ul>	Reports available on the Quarry's website	Compliant						
5	4b dot point 2	ENVIRONMENTAL MANAGEMENT	Annual Review	<ul style="list-style-type: none"> <li>requirements of any plan or program required under this approval;</li> </ul>	Reports available on the Quarry's website	Compliant						
5	4b dot point 3	ENVIRONMENTAL MANAGEMENT	Annual Review	<ul style="list-style-type: none"> <li>monitoring results of previous years; and</li> </ul>	Reports available on the Quarry's website	Compliant						
5	4b dot point 4	ENVIRONMENTAL MANAGEMENT	Annual Review	<ul style="list-style-type: none"> <li>relevant predictions in the EA;</li> </ul>	Reports available on the Quarry's website	Compliant						
5	4c	ENVIRONMENTAL MANAGEMENT	Annual Review	(c) identify any non-compliance over the past calendar year, and describe what actions were (or are being) taken to ensure compliance;	Reports available on the Quarry's website	Compliant						

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Compliant/Non Compliant					Corrective Actions/ Recommendations	
5	4d	ENVIRONMENTAL MANAGEMENT	Annual Review	(d) identify any trends in the monitoring data over the life of the project;	Reports available on the Quarry's website	Compliant						
5	4e	ENVIRONMENTAL MANAGEMENT	Annual Review	(e) identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and	Reports available on the Quarry's website	Compliant						
5	4f	ENVIRONMENTAL MANAGEMENT	Annual Review	(f) describe what measures will be implemented over the current calendar year to improve the environmental performance of the project.	Reports available on the Quarry's website	Compliant						
5	5a	ENVIRONMENTAL MANAGEMENT	Revision of Strategies, Plans and Programs	Within 3 months of the submission of an: (a) annual review under condition 4 above;		Not Triggered						
5	5b	ENVIRONMENTAL MANAGEMENT	Revision of Strategies, Plans and Programs	(b) incident report under condition 7 below;		Not Triggered						
5	5c	ENVIRONMENTAL MANAGEMENT	Revision of Strategies, Plans and Programs	(c) audit report under condition 9 below; or		Non Compliant	Reviews of the GWMP and AQMP were not conducted within three months of previous audit report.					
5	5d	ENVIRONMENTAL MANAGEMENT	Revision of Strategies, Plans and Programs	(d) any modification to the conditions of this approval,		Not Triggered						
5	5	ENVIRONMENTAL MANAGEMENT	Revision of Strategies, Plans and Programs	the Proponent shall review the strategies, plans and programs required under this approval, to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted for the approval of the Secretary.	site visit	Non Compliant	Reviews of the GWMP and AQMP were not submitted to the Secretary for approval					Revisions of the AQMP and WQMP were requested in the previous audit.
5	6	ENVIRONMENTAL MANAGEMENT	Community Consultative Committee	If directed by the Secretary, the Proponent shall establish and operate a Community Consultative Committee (CCC) for the project to the satisfaction of the Secretary. Any such CCC must be operated in general accordance with the Guidelines for Establishing and Operating Community Consultative Committees for Mining Projects (Department of Planning, 2007, or its latest version).	Noted on the website	Not Triggered						
5	7	REPORTING	Incident Reporting	The Proponent shall immediately notify the Secretary and any other relevant agencies of any incident. Within 7 days of the date of the incident, the Proponent shall provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.	Recorded incidents/	Not Triggered						
5	8	Incident Reporting	Incident Reporting	The Proponent shall provide regular reporting on the environmental performance of the project on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this approval.	Review website	Compliant						
5	9	AUDITING	Independent Environmental Audit	By 30 June 2015 and every 3 years thereafter, unless the Secretary directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project. This audit must:	This audit	Compliant						
5	9a	AUDITING	Independent Environmental Audit	(a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;	This audit	Compliant						
5	9b	AUDITING	Independent Environmental Audit	(b) include consultation with the relevant agencies;	This audit	Compliant						
5	9c	AUDITING	Independent Environmental Audit	(c) assess the environmental performance of the project and assess whether it is complying with the requirements in this approval and any relevant EPL or necessary water licences for the project (including any assessment, strategy, plan or program required under these approvals);	This audit	Compliant						

Schedule	Condition number	Category	Sub Category	Condition	Audit Log Document Number	Compliant/Non Compliant					Corrective Actions/ Recommendations
5	9d	AUDITING	Independent Environmental Audit	(d) review the adequacy of strategies, plans or programs required under the abovementioned approvals; and	This audit	Compliant					
5	9e	AUDITING	Independent Environmental Audit	(e) recommend appropriate measures or actions to improve the environmental performance of the project, and/or any assessment, strategy, plan or program required under the abovementioned approvals.	This audit	Compliant					
5	10	AUDITING	Independent Environmental Audit	Within 6 weeks of completion of this audit, or as otherwise agreed by the Secretary, the Proponent shall submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	This audit	Compliant					
5	11a dot point 1	ACCESS TO INFORMATION		By the end of November 2014, the Proponent shall: (a) make copies of the following publicly available on its website:	This audit	Compliant					
5	11a dot point 2	ACCESS TO INFORMATION		• the documents referred to in condition 2 of Schedule 2;	This audit	Compliant					
5	11a dot point 3	ACCESS TO INFORMATION		• all current statutory approvals for the project;	This audit	Compliant					
5	11a dot point 4	ACCESS TO INFORMATION		• all approved strategies, plans and programs required under the conditions of this approval;	This audit	Compliant					
5	11a dot point 5	ACCESS TO INFORMATION		• a comprehensive summary of the monitoring results of the project, reported in accordance with the specifications in any conditions of this approval, or any approved plans and programs;	This audit	Compliant					
5	11a dot point 6	ACCESS TO INFORMATION		• a complaints register, updated monthly;	This audit	Compliant					
5	11a dot point 7	ACCESS TO INFORMATION		• the annual reviews of the project;	This audit	Compliant					
5	11a dot point 8	ACCESS TO INFORMATION		• any independent environmental audit, and the Proponent's response to the recommendations in any audit;	This audit	Compliant					
5	11a dot point 9	ACCESS TO INFORMATION		• minutes of CCC meetings;	This audit	Compliant					
5	11a dot point 10	ACCESS TO INFORMATION		• any other matter required by the Secretary; and	This audit	Compliant					
5	11b			(b) keep this information up to date,	This audit	Compliant					
5	11			to the satisfaction of the Secretary.	This audit	Compliant					
					Compliant	117	14	14	6	14	13
					Non Compliant	2	0	0	0	0	0
					Not triggered	9	0	0	0	0	0
						128					

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
1	General Arrangements	The development shall be carried out in accordance with the Environmental Assessment (April 2013) prepared by Peter Andrews + Associates Pty Ltd and this Addendum Report. This Addendum Report will override the Environmental Assessment where there is an inconsistency.	Ongoing	See Schedule 3 comments	
2	Staging	Staging of the development will be in accordance with the staging of works set out in the Environmental Assessment (April 2013).	Ongoing	Compliant	
3	Statutory Requirements	Obtain and maintain all relevant approvals and licences.	As required and continuous	Compliant	
		Comply with all conditional requirements in all approvals and licences.	As required	Compliant	
4	Hours of Operation	7.00am to 6.00pm Monday to Friday 7.00am to 1.00pm Saturday	Ongoing	Compliant	
5	Reporting Requirements	Undertake monitoring for the key areas as identified below.	As required	Compliant	
		Incorporate relevant data/monitoring information in the Annual Reports.	Annually	Compliant	
		Incorporate the management measures into the Environmental Management Plan. The development is to operate at all times within the terms and conditions of the Environmental Management Plan.	Prior to commencement and subject to five yearly reviews	Compliant	
		Update procedures manual for the operation of the quarry with regards to the quarry expansion including the following and ensure all staff are aware of procedures.	Prior to commencement of the operations	Not triggered	
		• Operation of plant and equipment		Not triggered	
		• Environmental monitoring		Not triggered	
		• Restrictions imposed on quarrying		Not triggered	
		• Vegetation removal		Not triggered	
		• Sedimentation and erosion		Not triggered	
		• Transportation		Not triggered	
		Provision of the annual production data to the Department of Trade and Investment	Annually	Compliant	
6	Soils and Land capability	Locate areas for acoustic earth mounds.	Prior to topsoil stripping operations	Compliant	
		Maintain topsoil for rehabilitation and minimise soil loss through erosion.	Ongoing	Compliant	
		Vegetate all mounds with Kikuyu grass	As required	Compliant	
		Implement downslope sedimentation controls as required	Until the surface of the mounds are vegetated	Compliant	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
7	Groundwater	Undertake automatic water level measurements in water level data logger in monitoring bores	Initially 4-hourly samples. Assess data after 12 months and depending on the results, decrease frequency to 8-hourly samples	Compliant	
		Undertake groundwater sampling in representative monitoring bores	Initially 3 monthly. Assess data after 12 months and depending on the results, decrease frequency to 6 monthly samples	Compliant	
		Undertake automatic rainfall measurements in tipping bucket rain gauge data logger on site	Continuous logging at every 0.2mm tip with time/date stamps.	Compliant	
		Preparation of the Groundwater Management Plan, which incorporates the development of a water level and water quality monitoring program and the development of a set of trigger levels and mitigation measures if adverse impacts occur on the environmental and/or neighbouring water users.	Within 6 months of the project approval	Compliant	
	Groundwater	Provide a complete set of results of the production and monitoring program including a review and assessment of the statistical analysis to the Senior Hydrogeologist NOW and the quarry owner.	Annually	Non compliant	Send Annual Water Quality Monitoring Report to the Senior Hydrogeologist NOW for review
		Communicate with any landowner if there is a scientifically and independently demonstrated significant impact on any neighbouring water users surrounding the site.	As required	Not triggered	
8	Surface Water	Preparation of an Environmental Management Plan for the quarry extension based on a continuation of the current environmental management and mitigation measures for the quarry expansion as outlined in the current EMP.	Prior to the commencement of the quarry operations	Compliant	
		Construct earth bunds and surface water diversion banks and drains around the perimeter of the entire quarry pit void. Bunds and/or diversion drains will require ongoing minor realignments as the quarry pit develops and advances especially through zone 'C'. Bunds can be designed as 'multi-purpose' to provide additional public 'Highwall' safety in addition to surface water flow management.	Prior to the commencement of the quarry operations and ongoing	Compliant	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
		Relocate the chicken farming operations storage shed that is currently located on the south west drainage path to the south of the site and bund the storage site to contain runoff while chicken farming is ongoing at the site.	Prior to the commencement of the quarry operations and ongoing	Compliant	Chicken farming has ceased
		Construct 'out of pit' containment infrastructure in the south-eastern most section of the property boundary adjacent to Zone E to capture and passively treat contaminated surface water runoff whilst simultaneously providing additional water security. Infrastructure to consist of: 1. One 10 Megalitres (ML) Pollution Control Dam (PC Dam) to receive nitrogen rich runoff from Zones F&G where the existing chicken and machinery sheds are located. This dam will gravity flow via a spillway into a shallow polishing pond. Control structures such as rock 'rip rap' or similar will be required to control water runoff velocity prior to entering the PC Dam. 2. Broad shallow polishing pond/s will receive any water spilled or transferred from PC Dam and provide passive treatment through suitable wetland plant species. 3. Pipeline and pumps for transfer of water each way between the in-pit decant pond and out of pit PC Dam. 4. A floating siphon in the PC Dam to maintain a 5 ML operating level. Ensure PC Dam and pond are located outside of the water pipeline easement and located generally as shown on the plans. Access to the ponds will be along the southern boundary across the water pipeline easement	Prior to the commencement of the quarry operations and ongoing	Compliant	10 Mega litre dam was underconstruction at the time of the site visit.
		Continue monitoring of surface water at locations W1 and W4	Monitor until stage 2 of the quarry commences.	Compliant	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
		<p>After construction of the control pond and polishing pond, it is proposed that the quality of the treated quarry discharge released to the south west waterway is monitored at the future surface water quality monitoring location S1 shown in Appendix 2 of this report. Initially, the control pond and polishing dam will be used mainly to treat runoff from the chicken farming operations, the existing dwelling and a small area of pasture, and will only be used to treat water captured within the quarry during large rainfall events until the commencement of stage 2 of the quarry. As the quarry extends to the maximum quarry footprint in stage 2, pumping out of the quarry may occur as regularly as weekly.</p>	<p>Grants Road Environmental Plan of Management, May 2016</p>	<p>Compliant</p>	<p>Auditor notes that location S1 was dry at each sampling event.</p>
		<p>Undertake water quality monitoring by a grab sample taken during discharge downstream of the control pond and polishing pond at location S1 on a monthly basis. The parameters will be monitored and compared against the proposed discharge limits as follows:</p> <ul style="list-style-type: none"> <li>• Suspended solids 40mg/L</li> <li>• Oil and grease – 5 and/or none visible</li> <li>• pH – 6.0-8.0</li> </ul>	<p>Grants Road Environmental Plan of Management, May 2016</p>	<p>Compliant</p>	<p>Auditor notes that location S1 was dry at each sampling event.</p>
9	<p>Biodiversity and Environmental Management</p>	<p>Identify the boundaries of the quarry.</p>	<p>Prior to clearing of vegetation</p>	<p>Compliant</p>	
		<p>Preparation of a detailed Biodiversity Offset Management and Habitat Rehabilitation Plan for areas to be retained as biodiversity offsets within the site.</p>	<p>Prior to the clearing of vegetation</p>	<p>Compliant</p>	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
		<p>Biodiversity offsetting will be undertaken to compensate for unavoidable impacts to biodiversity within the site including the removal of 1.5 hectares of Cleared Land with Remnant Trees vegetation and the loss of 18 hollow bearing trees. The areas within the site proposed for biodiversity offsetting are located in the north- eastern section of the site and along the western section of the site. The offsetting strategy proposed will result in the improvement and maintenance of biodiversity values on the site for the medium to long term. A total of 7.1 hectares of land will be retained and managed as a biodiversity offset to compensate for the loss of 1.5 hectares of Cleared Land with Remnant Trees vegetation. Offset areas will be protected in perpetuity and subject to a 10 year rehabilitation and maintenance period. The areas proposed for retention comprise the following:</p> <ul style="list-style-type: none"> <li>• 0.85 hectares of Disturbed Scribbly Gum Woodland;</li> <li>• 3.5 hectares of Cleared Land with Remnant Trees Vegetation; and</li> <li>• 2.75 hectares of Cleared Land.</li> </ul> <p>The areas proposed for offsetting will be subject to protective fencing to exclude livestock and local populations of feral Bush Deer, intensive</p>	<p>The first 10 years of Stage 2</p>	<p>Not triggered</p>	
		<p>All hollow-bearing trees to be removed are to be inspected and sectionally dismantled by an arborist, under the supervision and direction of an ecologist. Where possible, escaped fauna is to be caught by the consulting ecologist and transported to a suitable release area. If juvenile or injured fauna are encountered they are to be captured and transported to a wildlife carer or a veterinary surgeon as required. In the case where the arborist declares a tree or stag unsafe to climb, machine removal with a rotating grab or similar will be required.</p>	<p>Grants Road Environmental Plan of Management, May 2016</p>	<p>Compliant</p>	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
10	Noise	<p>engines, or localised plant specific shielding*) to achieve the following noise reductions:</p> <ul style="list-style-type: none"> <li>• Dozer 4db;</li> <li>• Trencor 3dB;</li> <li>• McCloskey 3dB; and</li> <li>• Sandwash Plant 8dB for air cooled 6 cylinder engine* (Smaller 4 cylinder engine is now operating with a purpose designed enclosure and exhaust resulting in an 8dB reduction and does not require further attenuation).</li> </ul> <p>All reversing alarms replaced with level varying or broadband "quacker" type alarms.</p>	site visit	Compliant	
		Plant and equipment to be maintained to ensure acoustic performance is not de-rated and complies with the recommended limits outlined in the Noise Impact Assessment (NIA) and incorporating the specified noise controls.	site visit	Compliant	
		A Site Operational Management Plan (SOMP) be developed to ensure that the dozer, Trencor and McCloskey do not operate simultaneously.	site visit	Compliant	Trencor removed from site.
		Provision of an earth mounds 3-4 metres high along the southern and south- eastern quarry boundaries as shown on Figure 14 of the Environmental Assessment before commencing Precincts E, F and G.	site visit	Compliant	
		The SOMP to document procedures to maximise site shielding and minimise number of plant and equipment on exposed locations, particularly on the eastern and southern portions of the quarry (areas B, C, F and G). That is, where practical and feasible only one (1) item of plant would operate at an exposed level (<8m below ground level) at any one time and extraction to proceed against a working face where practical.	Grants Road Environmental Plan of Management, May 2016	Compliant	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
		<p>A site weather station will be installed and continually monitor ambient weather conditions including wind speed and direction at a height of ten (10) metres above ground level. The current weather conditions would be utilised to manage day to day quarry operations, and the SOMP incorporate strict protocols including:</p> <ul style="list-style-type: none"> <li>• Cease operations within Precinct F and G during north-north-west or west wind conditions up to 3m/s with respect to the operation of the dozer, Trencor and McCloskey in exposed locations (&lt;8m below ground level); and</li> <li>• Utilise periods of high winds &gt;5m/s (particularly east and south-east winds) and/or rain with elevated background noise levels to extract material within exposed locations (Areas B, F and G).</li> </ul>	<p>Grants Road Environmental Plan of Management, May 2016</p>	<p>Compliant</p>	
		<p>A Complaints Management Procedure (CMP) be prepared to deal with any noise complaints as follows and include:</p> <ul style="list-style-type: none"> <li>• Site contact telephone number during business hours to lodge complaints or seek additional information (and message service for out of hours). If phone unattended it should divert to mobile phone of site quarry manager;</li> <li>• Log to record complaint including time of alleged noise issue, duration, description of noise, prevailing weather conditions and complainants contact details;</li> <li>• Complaints to be responded to in a timely manner. Where the noise is currently occurring, Quarry Manager shall investigate and determine noise source is noise is likely to be exceeding Approval Noise Limits. If exceedance is occurring, operations to be amended or ceased;</li> <li>• Audits at sensitive receiver locations to identify noise contributions, compliance and determine if additional procedures or controls to minimise noise from the site are required;</li> <li>• A record of noise investigations to be maintained on site and complainants informed of outcomes of investigations and actions implemented following any noise complaints; and</li> <li>• All site plant including trucks to be regularly inspected and maintained to ensure that the equipment is operating in accordance with specifications and satisfied the noise limits referenced in the NIA (min Annually).</li> </ul>	<p>Grants Road Environmental Plan of Management, May 2016</p>	<p>Compliant</p>	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
		<p>Undertake an Annual Noise monitoring program that incorporates:</p> <ul style="list-style-type: none"> <li>• Site attended noise measurements at the three (3) reference locations and record aural observations, statistical noise levels (LA90, LAeq), weather conditions and quarry operations. Typically measurement considering of two (2) 15 minute measurement periods at each receiver;</li> <li>• Attended nearfield or midfield measurements to confirm operating noise levels and determine sound power levels of individual plant and equipment for comparison with source noise data utilised in the EIS Noise Impact Assessment;</li> <li>• Assessment of noise audit measurement results against Conditions of Consent and any pending Licence to determine compliance;</li> <li>• Provide recommendations for ameliorative or management measures for Quarry operator where noise exceedances are identified;</li> <li>• Preparation of Annual Noise Monitoring Report for submission to Consent Authority and/or EPA</li> </ul>	Annually	Compliant	
11	Air Quality	Preparation of an air quality management plan incorporating PM10 monitoring at the most affected off-site sensitive location.	Grants Road Environmental Plan of Management, May 2016	Compliant	
		<p>Minimise dust impacts at sensitive residences through the following onsite management procedures. These procedures to meet the KPIs outlined in this report and be reviewed.</p> <ul style="list-style-type: none"> <li>• Water of unsealed roads;</li> <li>• Use of wheel-wash and operation of sealed road from wheel-wash to the front gate;</li> <li>• Covering of loads during hauling;</li> <li>• Water of stockpiles when necessary;</li> <li>• Limiting vehicle speed onsite; and</li> <li>• Limiting the area of disturbed land and progressive rehabilitation of completed areas.</li> </ul>	Grants Road Environmental Plan of Management, May 2016	Compliant	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
	Air Quality	Carry out campaign monitoring for respirable crystalline silica. The monitoring would assess the exposure of quarry workers to respirable crystalline silica (in accordance with Australian Standard (AS 2985-2009) - Workplace atmospheres - Method for sampling and gravimetric determination of respirable dust.	First year of the quarry extension (on a day of maximum throughput). Monitoring to be repeated quarterly in the first year and if more than two consecutive results demonstrate low risk, monitoring would be discontinued.	Compliant	
		Incorporate greenhouse gas reduction measures for the operation of the project including: <ul style="list-style-type: none"> <li>• Opportunities to increase energy efficiency will be continuously reviewed including opportunities to minimise haul distances for quarry material, ensuring trucks are fully loaded to maximise productivity and efficiency, reducing trips by coordinating delivery and removal of materials.</li> <li>• Consideration of the use of alternative fuels where economically and practically feasible.</li> <li>• Regular maintenance of diesel powered equipment to ensure operation at peak efficiency.</li> <li>• Consideration of energy efficiency for all electrical equipment, appliances, lighting and hot water system.</li> </ul>	Grants Road Environmental Plan of Management, May 2016	Compliant	
12	Roadworks and Traffic Management	All vehicles leaving the site with loads of extracted material are to be sufficiently covered to prevent windblown dust.	Grants Road Environmental Plan of Management, May 2016	Compliant	
13	Heritage	Grants Rd RE1 and RE2 sites are to be preserved.	Grants Road Environmental Plan of Management, May 2016	Compliant	
		Incorporate a ten (10) metre buffer on the southern, eastern and western boundary of the anthropomorphic figure (Grants Rd RE1).	Grants Road Environmental Plan of Management, May 2016	Compliant	
		The bund wall for the quarry extension in the area of Grants Rd RE1 to be constructed of block wall rather than earth in between the engraving and the boundary.	Prior to the quarrying of Precinct C	Compliant	
		The engraving (Grants Rd RE1) is incorporated into the monitoring programme currently in place for the adjacent Howes Aboriginal Reserve.	Five yearly	Compliant	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
		A protective fence is constructed 8 metres around each side of the Grants Rd RE 1 site to prevent inadvertent damage. The fence should incorporate appropriate signage to ensure the access within the fenced zone is limited to maintenance activities such as grass cutting.	Site visit, see photo log	Compliant	
		Traffic is to be directed around the small mound at the Grants Rd RE 2 site to ensure minimal disturbance.	Site visit	Compliant	
		An additional monitoring site visit be undertaken to review the recommendations effectiveness to protect the site.	Grants Road Sand Annual Environmental Report	Compliant	
		The quarry operator to develop and implement an Aboriginal Cultural Heritage Induction Program for all personnel associated with the quarry operations. A register is to be kept off staff/contractors that have been inducted.	Grants Road Environmental Plan of Management, May 2016	Compliant	
		Should any materials suspected of being of Aboriginal occupation origin be located during the quarry operations that work cease in that location immediately and that the Office of Environment & Heritage be contacted immediately.	Grants Road Environmental Plan of Management, May 2016	Not triggered	
14	Visual Impact	noting that the current conditions of consent requires the use of Kikuyu grass for the stabilisation of stockpiles.	Grants Road Environmental Plan of Management, May 2016	Compliant	
		Maintain grass covered mounds.	Grants Road Environmental Plan of Management, May 2016	Compliant	
		Maintain the site.	For the life of the quarry	Compliant	
		Keep the site clean and tidy where possible.	Continuous	Compliant	
		Progressively revegetate all areas where quarrying is completed.	Upon completion of quarrying in a precinct	Not triggered	
15	Bushfire Protection	Provision of an on-site mobile water pump and tank, with firefighting hose connections to be located on site.	Site visit	Compliant	
		Management of the site to provide a defensible space to the bushfire hazard. These areas are to be regularly inspected and maintained by the landowners.	Site visit	Compliant	
		Ensure all general waste / garbage is removed by a licensed waste collection contractor at least on a weekly basis.	Site visit	Compliant	
		Preparation of a waste management plan for the demolition of any structures.	Asbestos Removal Plan	Compliant	

	Subject	Commitments	Timing	Compliant/Non Compliant	Response Comments
	Mine Rehabilitation	Ensure completed areas of the quarry are revegetated to reduce sedimentation and erosion and dust emissions and visual impact.	As required	Not triggered	
		Preparation of a quarry rehabilitation plan to identify staging for rehabilitation.	Grants Road Environmental Plan of Management, May 2016	Compliant	
		A detailed decommissioning plan will be prepared as part of the review of the Environmental Management Plan.	Towards the end of the life of the Quarry (two years prior)	Not triggered	
		A five year monitoring program to be implemented upon completion of the rehabilitation.	Five years after the rehabilitation.	Not triggered	
			Compliant	56	
			Non Compliant	1	
			Not triggered	14	
				71	

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ABN 67 166 341 288



# Appendix C

## **Independent Environmental Audit Grants Road Quarry**

This audit was commissioned by Grants Road Pty Limited to fulfil its statutory obligations under Schedule 5 Item 9 of the Project Approval issued by the Department of Planning for the Grants Road Quarry Extension.

“By 30 June 2015 and every 3 years thereafter, unless the Secretary directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project. This audit must:

(a) be conducted by a suitably qualified, experienced, and independent team of experts whose appointment has been endorsed by the Director-General;

(b) include consultation with the relevant agencies;

(c) assess the environmental performance of the project and assess whether it is complying with the requirements in this approval and any relevant EPL or necessary water licences for the project (including any assessment, strategy, plan or program required under these approvals);

(d) review the adequacy of any strategy/plan/program required under this approval; and, if necessary,

(e) recommend measures or actions to improve the environmental performance of the project, and/or any strategy/plan/program required under this approval.”

## **Legal Requirements**

### **Protection of the Environment Operations Act 1997 Chapter 6 Clause 177 Offences**

(1) False or misleading information to auditor: A person who provides information to an environmental auditor in connection with a mandatory environmental audit, knowing the information to be false or misleading in a material respect, is guilty of an offence.

(2) Information not provided to auditor: The holder of a licence who fails to provide information to an environmental auditor in connection with a mandatory environmental audit being carried out in relation to the licence, knowing the information to be materially relevant to the audit, is guilty of an offence.

(3) False or misleading information in audit report: An environmental auditor who includes information in an audit report produced to the appropriate regulatory

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ABN 67 166 341 288



authority in connection with a mandatory environmental audit, knowing the information to be false or misleading in a material respect, is guilty of an offence.

(4) Information not included in audit report: An environmental auditor who fails to provide information in an audit report produced to the appropriate regulatory authority in connection with a mandatory environmental audit, knowing the information to be materially relevant to the audit, is guilty of an offence.

(5) Retention of audit documentation: The holder of a licence who:

(a) fails to retain any written documentation required to be prepared by the holder in connection with a mandatory environmental audit for a period of at least 5 years after the audit report concerned was produced to the appropriate regulatory authority (or such other period as is prescribed by the regulations), or

(b) fails to produce during that period any such documentation to the appropriate regulatory authority on request, is guilty of an offence.

Maximum penalty:

- in the case of a corporation-\$250,000 and, in the case of a continuing offence, a further penalty of \$120,000 for each day the offence continues, or
- in the case of an individual-\$120,000 and, in the case of a continuing offence, a further penalty of \$60,000 for each day the offence continues.

### **Audit Programme**

A draft audit programme has been prepared. A list of documents has been requested from Grants Road. These will be reviewed by the auditor. The audit programme may be altered by the audit team during the course of the audit dependent on the findings at the time.

The audit will be conducted at Grants Road Quarry on 30 August 2024. The audit will consist of viewing documents and records that are mentioned in the audit program, interviews with Grants Road staff that are familiar with the business/environmental systems and a site tour. You are encouraged to provide other lines of evidence to demonstrate compliance if the requested lines of evidence cannot be produced on the day. If existing lines of evidence cannot be produced on the day you will be given five additional working days to produce them.

Following the site visit a closing meeting will be held between Grants Road Quarry staff and the auditor. At the meeting, a preliminary audit result will be presented and follow up activities to the audit will be discussed.

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ABN 67 166 341 288



### Opening Meeting Attendees

Name	Position	Date
James McMahon	Lead Auditor	30/8/24
STEVEN JONES	Quality Manager	30/8/24

### Follow up requirements

Updated Groundwater Management Plan;  
Updated Water Management Plan;  
Waste Management Plan for Chicken Shed Demolition.  
Service logs of ~~an~~ plant/equipment.

### Closing Meeting Attendees

Name	Position	Date
James McMahon	Lead Auditor	30/8/24
STEVEN JONES	Quality Manager	30/8/24

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COOKS HILL NSW 2300  
ABN 67 166 341 288



# Appendix D



# EQUIPMENT TAX INVOICE

WesTrac Pty Ltd  
ABN: 63 009 342 572

## WesTrac Sales - NSW

### Main Office

1 WesTrac Drive, Tomago, NSW 2322

### Central mailing address

Locked Bag 2006, Raymond Terrace, NSW 2324

	<b>Telephone</b>	<b>Facsimile</b>
<b>Main Phone</b>	(02) 4964 5000	(02) 4964 8524
<b>Parts</b>	(02) 4964 5066	
<b>Nearest Branch</b>	1 300 881 064	

**Sold to**  
GRANTS RD SAND LIMITED  
270 GRANTS ROAD  
SOMERBY NSW 2250

**Ship to**

MCNT00589818	Invoice Date 11-12-23	Customer Number N142694	Customer Order Number CVA FIXED PRICE	Store 54	Division G	Salesman I58	Terms 2	Page 1
Agreement Number *30803	Doc Date 07-11-23	PC	LC	MC 10	Ship Via		Inv Seq No. 151281	
Make O	Model	Serial Number OAXG01302		Equipment Number	Meter Reading		Mach Id No. .00 08333336	

Quantity	Description	Total
	CONTRACT NUMBER OAXG01302 CUSTOMER EQUIPMENT NUMBER  CUSTOMER PURCHASE ORDER CVA FIXED PRICE  CATERPILLAR 980G OAXG01302 NBCN PIN NO: *CAT0980GLAXG01302 *  PM CSA INVOICE: AXG01302 SERVICE TYPE: 20000HR SERVICE PERFORMED AT 20061HR WORK ORDER: NG38340 DATE: NOVEMBER 2023	6345.39
	TOTAL BEFORE TAX	6345.39
	GST	634.54
	CASH ONLY	
	TOTAL AFTER TAX	6979.93

Refer to Terms and Conditions in attached pdf

AUD

EFT payments can be made to the following bank A/C:  
 BSB - 036 000  
 Account Number - 961279  
 Account Name - WesTrac P/L

Please ensure you quote your Customer Number on all payments.  
 This number is on all Statements & Invoices.

<b>Total Amount Including GST</b>	>	6979.93
<b>Credit Amount Including GST</b>	>	
Please ignore this invoice if already paid		



# EQUIPMENT TAX INVOICE

WesTrac Pty Ltd  
ABN: 63 009 342 572

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<b>Parts</b>	(02) 4964 5066	
<b>Nearest Branch</b>	1 300 881 064	

**Sold to**  
GRANTS RD SAND LIMITED  
270 GRANTS ROAD  
SOMERBY NSW 2250

**Ship to**

MCNT00591455	Invoice Date 13-02-24	Customer Number N142694	Customer Order Number CVA FIXED PRICE	Store 54	Division G	Salesman I58	Terms 2	Page 1
Agreement Number *30803	Doc Date 07-11-23	PC	LC	MC 10	Ship Via		Inv Seq No. 152918	
Make O	Model	Serial Number OAXG01302		Equipment Number	Meter Reading		Mach Id No. .00 08333336	

Quantity	Description	Total
	CONTRACT NUMBER OAXG01302 CUSTOMER EQUIPMENT NUMBER  CUSTOMER PURCHASE ORDER CVA FIXED PRICE  CATERPILLAR 980G OAXG01302 NBCN PIN NO: *CAT0980GLAXG01302 *  PM CSA INVOICE: AXG01302 SERVICE TYPE: 250HR SERVICE PERFORMED AT 20291HRS WORK ORDER: NG38681 DATE: 21/12/2023	809.76
	TOTAL BEFORE TAX	809.76
	GST	80.98
	CASH ONLY	
	TOTAL AFTER TAX	890.74

Refer to Terms and Conditions in attached pdf

AUD

EFT payments can be made to the following bank A/C:  
 BSB - 036 000  
 Account Number - 961279  
 Account Name - WesTrac P/L  
 Please ensure you quote your Customer Number on all payments.  
 This number is on all Statements & Invoices.

<b>Total Amount Including GST</b>	>	890.74
<b>Credit Amount Including GST</b>	>	
Please ignore this invoice if already paid		



# EQUIPMENT TAX INVOICE

WesTrac Pty Ltd  
ABN: 63 009 342 572

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1 WesTrac Drive, Tomago, NSW 2322

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<b>Main Phone</b>	(02) 4964 5000	(02) 4964 8524
<b>Parts</b>	(02) 4964 5066	
<b>Nearest Branch</b>	1 300 881 064	

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GRANTS RD SAND LIMITED  
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SOMERBY NSW 2250

**Ship to**

MCNT00592290	Invoice Date 11-03-24	Customer Number N142694	Customer Order Number CVA FIXED PRICE	Store 54	Division G	Salesman I58	Terms 2	Page 1
Agreement Number *30803	Doc Date 07-11-23	PC	LC	MC 10	Ship Via		Inv Seq No. 153753	
Make O	Model	Serial Number OAXG01302		Equipment Number	Meter Reading		Mach Id No. 00 08333336	

Quantity	Description	Total
	<p>CONTRACT NUMBER OAXG01302 CUSTOMER EQUIPMENT NUMBER</p> <p>CUSTOMER PURCHASE ORDER CVA FIXED PRICE</p> <p>CATERPILLAR 980G OAXG01302 NBCN PIN NO: *CAT0980GLAXG01302 *</p> <p>PM CSA INVOICE: AXG01302 SERVICE TYPE: 500HR SERVICE PERFORMED AT 20501HRS WORK ORDER: NG39091 DATE: 12/02/2024</p>	1741.28
	TOTAL BEFORE TAX	1741.28
	GST	174.13
	CASH ONLY	
	TOTAL AFTER TAX	1915.41

Refer to Terms and Conditions in attached pdf

AUD

EFT payments can be made to the following bank A/C:  
**BSB - 036 000**  
**Account Number - 961279**  
**Account Name - WesTrac P/L**

Please ensure you quote your Customer Number on all payments.  
This number is on all Statements & Invoices.

<b>Total Amount Including GST</b>	>	1915.41
<b>Credit Amount Including GST</b>	>	
Please ignore this invoice if already paid		



# EQUIPMENT TAX INVOICE

WesTrac Pty Ltd  
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<b>Main Phone</b>	(02) 4964 5000	(02) 4964 8524
<b>Parts</b>	(02) 4964 5066	
<b>Nearest Branch</b>	1 300 881 064	

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SOMERBY NSW 2250

**Ship to**

MCNT00594867	Invoice Date 14-06-24	Customer Number N142694	Customer Order Number CVA FIXED PRICE	Store 54	Division G	Salesman I58	Terms 2	Page 1
Agreement Number *30803	Doc Date 07-11-23	PC	LC	MC 10	Ship Via		Inv Seq No. 156333	
Make O	Model	Serial Number OAXG01302		Equipment Number	Meter Reading		Mach Id No. .00 08333336	

Quantity	Description	Total
	CONTRACT NUMBER OAXG01302 CUSTOMER EQUIPMENT NUMBER  CUSTOMER PURCHASE ORDER CVA FIXED PRICE  CATERPILLAR 980G OAXG01302 NBCN PIN NO: *CAT0980GLAXG01302 *  PM CSA INVOICE: AXG01302 SERVICE TYPE: 1000HRS SERVICE PERFORMED AT 21132HR WORK ORDER: NG39770 DATE: 14/May/2024 PURCHASE ORDER NO:	4291.52
	TOTAL BEFORE TAX	4291.52
	GST	429.15
	DUE 30 DAYS FROM END OF MONTH	
	TOTAL AFTER TAX	4720.67

Refer to Terms and Conditions in attached pdf

AUD

EFT payments can be made to the following bank A/C:  
 BSB - 036 000  
 Account Number - 961279  
 Account Name - WesTrac P/L

Please ensure you quote your Customer Number on all payments.  
 This number is on all Statements & Invoices.

<b>Total Amount Including GST</b>	>	4720.67
<b>Credit Amount Including GST</b>	>	
Please ignore this invoice if already paid		



# EQUIPMENT TAX INVOICE

WesTrac Pty Ltd  
ABN: 63 009 342 572

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<b>Main Phone</b>	(02) 4964 5000	(02) 4964 8524
<b>Parts</b>	(02) 4964 5066	
<b>Nearest Branch</b>	1 300 881 064	

**Sold to**  
GRANTS RD SAND LIMITED  
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SOMERBY NSW 2250

**Ship to**

MCNT00594983	Invoice Date 21-06-24	Customer Number N142694	Customer Order Number CVA FIXED PRICE	Store 54	Division G	Salesman I58	Terms 2	Page 1
Agreement Number *30803	Doc Date 07-11-23	PC	LC	MC 10	Ship Via		Inv Seq No. 156449	
Make O	Model	Serial Number OAXG01302		Equipment Number	Meter Reading		Mach Id No. .00 08333336	

Quantity	Description	Total
	CONTRACT NUMBER OAXG01302 CUSTOMER EQUIPMENT NUMBER  CUSTOMER PURCHASE ORDER CVA FIXED PRICE  CATERPILLAR 980G OAXG01302 NBCN PIN NO: *CAT0980GLAXG01302 *  PM CSA INVOICE: AXG01302 SERVICE TYPE: 250HRS SERVICE PERFORMED AT 21331HRS WORK ORDER: NG40295 DATE: 11/Jun/2024 PURCHASE ORDER NO:	822.17
	TOTAL BEFORE TAX	822.17
	GST	82.22
	TOTAL AFTER TAX	904.39
	DUE 30 DAYS FROM END OF MONTH	

Refer to Terms and Conditions in attached pdf

AUD

EFT payments can be made to the following bank A/C:  
 BSB - 036 000  
 Account Number - 961279  
 Account Name - WesTrac P/L  
 Please ensure you quote your Customer Number on all payments.  
 This number is on all Statements & Invoices.

<b>Total Amount Including GST</b>	>	904.39
<b>Credit Amount Including GST</b>	>	
Please ignore this invoice if already paid		



# EQUIPMENT TAX INVOICE

WesTrac Pty Ltd  
ABN: 63 009 342 572

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<b>Main Phone</b>	(02) 4964 5000	(02) 4964 8524
<b>Parts</b>	(02) 4964 5066	
<b>Nearest Branch</b>	1 300 881 064	

**Sold to**  
GRANTS RD SAND LIMITED  
270 GRANTS ROAD  
SOMERBY NSW 2250

**Ship to**

MCNT00595844	Invoice Date 17-07-24	Customer Number N142694	Customer Order Number CVA FIXED PRICE	Store 54	Division G	Salesman I58	Terms 2	Page 1
Agreement Number *30803	Doc Date 07-11-23	PC	LC	MC 10	Ship Via		Inv Seq No. 157310	
Make O	Model	Serial Number OAXG01302		Equipment Number	Meter Reading		Mach Id No. .00 08333336	

Quantity	Description	Total
	CONTRACT NUMBER OAXG01302 CUSTOMER EQUIPMENT NUMBER  CUSTOMER PURCHASE ORDER CVA FIXED PRICE  CATERPILLAR 980G OAXG01302 NBCN PIN NO: *CAT0980GLAXG01302 *  PM CSA INVOICE: AXG01302 SERVICE TYPE: 500HRS SERVICE PERFORMED AT 21533HRS WORK ORDER: NG40496 DATE: 11/7/24 PURCHASE ORDER NO:	1743.24
	TOTAL BEFORE TAX	1743.24
	GST	174.32
	DUE 30 DAYS FROM END OF MONTH	
	TOTAL AFTER TAX	1917.56

Refer to Terms and Conditions in attached pdf

AUD

EFT payments can be made to the following bank A/C:  
**BSB - 036 000**  
**Account Number - 961279**  
**Account Name - WesTrac P/L**

Please ensure you quote your Customer Number on all payments.  
 This number is on all Statements & Invoices.

<b>Total Amount Including GST</b>	>	1917.56
<b>Credit Amount Including GST</b>	>	
Please ignore this invoice if already paid		



# TAX INVOICE

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 1 WesTrac Drive, Tomago, NSW 2322

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**Facsimile** (02) 4964 8524  
**Main Phone** (02) 4964 5000  
**Parts** (02) 4964 5066  
**Nearest Branch** 1 300 881 064

Please call JOEL PHILP  
 at NEWCASTLE FIELD SERVICE GCON  
 on 0429 934689

GRANTS RD SAND LIMITED  
 270 GRANTS ROAD  
 SOMERBY NSW 2250

Invoice Number SI 1699262		Invoice Date 20-06-23		Customer Number N142694			Customer Order Number STEVE		Store 54	Division G	Salesman I58	Terms 2	Page 1
PSO/WO No. NG36568		Doc Date 11-05-23		PC 10	LC 10	MC 10	Ship Via			Inv Seq No. 697818			
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*				Equipment Number		Meter Reading 18747.0		Mach Id No.			

Description	Unit Price	Extension
PERFORM MAINTENANCE ON 250 SERVICE HOUR MAINT		
Complaint: Carry out preventative maintenance service 18750hr Cause: Customer request Correction: Sign in Carry out paperwork jsa, take 5 Carry out service as per check sheet and service manual Change oils and filters as required Check and clean pick up screens as required Carry out visual inspection of machine Test machine systems as required Clean and pack up tooling and equipment Fill out sos oil samples Clean up work area.		
1 1R-1808 FILTER AS-LU S	47.43	47.43
1 607-8030 WIPER S	22.06	22.06
1 NS3 OIL/DIESEL TEST KTS	29.70	29.70
1 VP2014N STICKER SVCE MAINTS	1.03	1.03
TOTAL PARTS	SEG. 01	100.22 *
TOTAL LABOR	SEG. 01	819.90 *
SEGMENT 01 TOTAL		920.12 T

EFT payments can be made to the following bank A/C: <b>BSB - 036 000 Account Number - 961279 Account Name - WesTrac P/L</b> Please quote your Customer Number on all payments. This number is on all Statements & Invoices.	<b>Total Amount Including GST</b>	CONT 'D
	<b>Credit Amount Including GST</b>	

\* Denotes non-returnable items

Please ignore this invoice if already paid



# TAX INVOICE

WesTrac Pty Ltd  
 ABN: 63 009 342 572

**Main Office**  
 1 WesTrac Drive, Tomago, NSW 2322

**Central mailing address**  
 Locked Bag 2006, Raymond Terrace, NSW 2324

**Telephone** (02) 4964 5000  
**Facsimile** (02) 4964 8524  
**Main Phone** (02) 4964 5000  
**Parts** (02) 4964 5066  
**Nearest Branch** 1 300 881 064

Please call JOEL PHILP  
 at NEWCASTLE FIELD SERVICE GCON  
 on 0429 934689

GRANTS RD SAND LIMITED  
 270 GRANTS ROAD  
 SOMERBY NSW 2250

Invoice Number SI 1699262		Invoice Date 20-06-23		Customer Number N142694		Customer Order Number STEVE		Store 54	Division G	Salesman I58	Terms 2	Page 2
PSO/WO No. NG36568		Doc Date 11-05-23		PC 10	LC 10	MC 10	Ship Via			Inv Seq No. 697818		
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*				Equipment Number		Meter Reading 18747.0		Mach Id No.		

Description	Unit Price	Extension
-----		
ENVIROMENTALS		24.60 T
Sub Total		944.72
GST		94.47 T
**** NETT 30 DAYS ****		
PAYMENT TERMS 30 DAYS		

EFT payments can be made to the following bank A/C: <b>BSB - 036 000 Account Number - 961279 Account Name - WesTrac P/L</b> Please quote your Customer Number on all payments. This number is on all Statements & Invoices.	<b>Total Amount Including GST</b>	1039.19
	<b>Credit Amount Including GST</b>	

\* Denotes non-returnable items

Please ignore this invoice if already paid



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**Main Phone** (02) 4964 5000  
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**Nearest Branch** 1 300 881 064

Please call JOEL PHILP  
 at NEWCASTLE FIELD SERVICE GCON  
 on 0429 934689

GRANTS RD SAND LIMITED  
 270 GRANTS ROAD  
 SOMERBY NSW 2250

Invoice Number SI 1709620	Invoice Date 04-08-23	Customer Number N142694	Customer Order Number STEVE	Store 54	Division G	Salesman I58	Terms 2	Page 1
PSO/WO No. NG37322	Doc Date 31-07-23	PC 10	LC 10	MC 10	Ship Via			Inv Seq No. 960109
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*		Equipment Number	Meter Reading 19280.0		Mach Id No.	

Description	Unit Price	Extension
PERFORM 250 SERVICE HOUR MAINT		
SMU Reading: 19280 Complaint: Carry out preventative maintenance service 19250hr Cause: Customer request Correction: Sign in Carry out paperwork jsa, take 5 Carry out service as per check sheet and service manual Change oils and filters as required Check and clean pick up screens as required Carry out visual inspection of machine Test machine systems as required Clean and pack up tooling and equipment Fill out sos oil samples Clean up work area.		
1 1R-1808                      FILTER AS-LU                      S	48.86	48.86
1 NS3                                      OIL/DIESEL TEST KTS	29.70	29.70
1 VP2014N                              STICKER SVCE MAINTS	1.03	1.03
TOTAL PARTS                      SEG. 01		79.59 *
TOTAL LABOR                      SEG. 01		568.44 *
SEGMENT 01 TOTAL		648.03 T

EFT payments can be made to the following bank A/C: BSB - 036 000    Account Number - 961279    Account Name - WesTrac P/L Please quote your Customer Number on all payments. This number is on all Statements & Invoices.	<b>Total Amount Including GST</b>	CONT 'D
	<b>Credit Amount Including GST</b>	

\* Denotes non-returnable items

Please ignore this invoice if already paid



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**Facsimile** (02) 4964 8524  
**Main Phone** (02) 4964 5000  
**Parts** (02) 4964 5066  
**Nearest Branch** 1 300 881 064

Please call JOEL PHILP  
 at NEWCASTLE FIELD SERVICE GCON  
 on 0429 934689

GRANTS RD SAND LIMITED  
 270 GRANTS ROAD  
 SOMERBY NSW 2250

Invoice Number SI 1709620		Invoice Date 04-08-23		Customer Number N142694		Customer Order Number STEVE		Store 54	Division G	Salesman I58	Terms 2	Page 2
PSO/WO No. NG37322		Doc Date 31-07-23		PC 10	LC 10	MC 10	Ship Via			Inv Seq No. 960109		
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*				Equipment Number		Meter Reading 19280.0		Mach Id No.		

Description	Unit Price	Extension
-----		
ENVIROMENTALS		17.05 T
Sub Total		665.08
GST		66.51 T
**** NETT 30 DAYS ****		
PAYMENT TERMS 30 DAYS		

EFT payments can be made to the following bank A/C: <b>BSB - 036 000 Account Number - 961279 Account Name - WesTrac P/L</b> Please quote your Customer Number on all payments. This number is on all Statements & Invoices.	<b>Total Amount Including GST</b>	731.59
	<b>Credit Amount Including GST</b>	

\* Denotes non-returnable items

**Please ignore this invoice if already paid**



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**Main Phone** (02) 4964 5000  
**Parts** (02) 4964 5066  
**Nearest Branch** 1 300 881 064

Please call JOEL PHILP  
 at NEWCASTLE FIELD SERVICE GCON  
 on 0429 934689

GRANTS RD SAND LIMITED  
 270 GRANTS ROAD  
 SOMERBY NSW 2250

Invoice Number SI 1722314	Invoice Date 28-09-23	Customer Number N142694	Customer Order Number 980G LIFT CYLINDER	Store 54	Division G	Salesman I58	Terms 2	Page 1
PSO/WO No. NG37768	Doc Date 14-09-23	PC 10	LC 10	MC 10	Ship Via		Inv Seq No. 1262414	
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*		Equipment Number	Meter Reading 19280.0		Mach Id No.	

Description	Unit Price	Extension
REPLACE LIFT/HOIST CYLINDER		
4 24441D LOCTITE BRAKE-PARTS	10.25	41.00
1 1V-8949 PIN AS N	1578.83	1578.83
1 1V-8957 PIN AS N	961.60	961.60
2 5P-3193 SEAL S	46.78	93.56
1 11R-1026 CYLINDER GP N	17605.24	17605.24
1 CORE CHARGE N	4401.32	4401.32
1 605-2193 WIPER S	13.18	13.18
TOTAL PARTS	SEG. 01	24694.73 *
TOTAL LABOR	SEG. 01	4926.48 *
SEGMENT 01 TOTAL		29621.21 T
-----		
ENVIROMENTALS		147.79 T
Sub Total		29769.00
GST		2976.90 T
**** NETT 30 DAYS ****		
PAYMENT TERMS 30 DAYS		

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	<b>Credit Amount Including GST</b>	

\* Denotes non-returnable items

**Please ignore this invoice if already paid**



# TAX INVOICE

WesTrac Pty Ltd  
 ABN: 63 009 342 572

**Main Office**  
 1 WesTrac Drive, Tomago, NSW 2322

**Central mailing address**  
 Locked Bag 2006, Raymond Terrace, NSW 2324

**Telephone** (02) 4964 5000  
**Facsimile** (02) 4964 8524  
**Main Phone** (02) 4964 5000  
**Parts** (02) 4964 5066  
**Nearest Branch** 1 300 881 064

Please call JOEL PHILP  
 at NEWCASTLE FIELD SERVICE GCON  
 on 0429 934689

GRANTS RD SAND LIMITED  
 270 GRANTS ROAD  
 SOMERBY NSW 2250

Invoice Number SI 1725244	Invoice Date 13-10-23	Customer Number N142694	Customer Order Number 980G - 19500HR SERVC	Store 54	Division G	Salesman I58	Terms 2	Page 1
PSO/WO No. NG37620	Doc Date 30-08-23	PC 10	LC 10	MC 10	Ship Via		Inv Seq No. 1344590	
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*		Equipment Number	Meter Reading 19280.0		Mach Id No.	

Description	Unit Price	Extension
PERFORM MAINTENANCE ON 500 SERVICE HOUR MAINT		
SMU Reading: 19594		
Complaint: Carry out preventative maintenance service 19500hr		
Cause: Customer request		
Carry out service as per check sheet and service manual		
Change oils and filters as required		
Check and clean pick up screens as required		
Carry out visual inspection of machine		
Test machine systems as required		
inspect and repair service code		
found rubbed through harness on ride control solenoid		
repair and cover harness		
Clean and pack up tooling and equipment		
Fill out sos oil samples		
1 1R-0719 FILTER A S	26.66	26.66
1 1R-0762 FILTER A-FUE S	36.49	36.49
1 1R-1808 FILTER AS-LU S	48.86	48.86
1 2S-8439 SEAL O RING S	11.57	11.57
1 6E-6408 ELEMENT S	124.00	124.00
1 6I-2505 ELEMENT S	108.56	108.56
2 7X-6041 FILTER AIR S	59.64	119.28
1 326-1644 FILTER AS S	58.14	58.14
3 NS3 OIL TEST KIT1-YELLS	29.70	89.10

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	<b>Credit Amount Including GST</b>	

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PSO/WO No. NG37620		Doc Date 30-08-23		PC 10	LC 10	MC 10	Ship Via			Inv Seq No. 1344590		
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*				Equipment Number		Meter Reading 19280.0		Mach Id No.		

Description	Unit Price	Extension
TOTAL PARTS                      SEG. 01		622.66 *
TOTAL LABOR                        SEG. 01		947.40 *
SEGMENT 01 TOTAL		1570.06 T
-----		
ENVIROMENTALS		28.42 T
Sub Total		1598.48
GST		159.85 T
**** NETT 30 DAYS ****		
PAYMENT TERMS 30 DAYS		

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	<b>Credit Amount Including GST</b>	

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Please call JOEL PHILP  
 at NEWCASTLE FIELD SERVICE GCON  
 on (02) 4907 1710

GRANTS RD SAND LIMITED  
 270 GRANTS ROAD  
 SOMERBY NSW 2250

Invoice Number SI 1752549	Invoice Date 07-03-24	Customer Number N142694	Customer Order Number 980G-steering HOSE	Store 54	Division G	Salesman I58	Terms 2	Page 1
PSO/WO No. NG39387	Doc Date 28-02-24	PC 10	LC 10	MC 10	Ship Via			Inv Seq No. 2107000
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*		Equipment Number	Meter Reading 20628.0		Mach Id No.	

Description	Unit Price	Extension
CUSTOMER ABN: 41 092 896 074 WHERE REMANUFACTURED OR EXCHANGE COMPONENT/S HAVE BEEN USED IN THIS REPAIR, THIS DOCUMENT CONSTITUTES A COMBINED TAX INVOICE/RECIPIENT CREATED TAX INVOICE (RCTI). REFER TERMS AND CONDITIONS *****		
REPLACE STEERING LINES/HOSES  Complaint: oil leaking from machine Cause: burst steering hose Correction: organize and pick up hose sign in carry out paperwork set up machine clean down around hose remove and install new hose start and test tested all ok pack up tooling and equipment		
1 116-9576 HOSE AS N	345.79	345.79
TOTAL PARTS	SEG. 01	345.79 *
TOTAL LABOR	SEG. 01	585.51 *
SEGMENT 01 TOTAL		931.30 T

EFT payments can be made to the following bank A/C: BSB - 036 000 Account Number - 961279 Account Name - WesTrac P/L Please quote your Customer Number on all payments. This number is on all Statements & Invoices.	<b>Total Amount Including GST</b>	CONT 'D
	<b>Credit Amount Including GST</b>	

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PSO/WO No. NG39387		Doc Date 28-02-24		PC 10	LC 10	MC 10	Ship Via			Inv Seq No. 2107000		
Make AA	Model 980G		Serial Number *CAT0980GLAXG01302*			Equipment Number		Meter Reading 20628.0		Mach Id No.		

Description	Unit Price	Extension
-----		
ENVIROMENTALS		17.57 T
Sub Total		948.87
GST		94.89 T
**** NETT 30 DAYS ****		
PAYMENT TERMS 30 DAYS		

EFT payments can be made to the following bank A/C: <b>BSB - 036 000 Account Number - 961279 Account Name - WesTrac P/L</b>	AUD	<b>Total Amount Including GST</b>
Please quote your Customer Number on all payments. This number is on all Statements & Invoices.		1043.76
		<b>Credit Amount Including GST</b>

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GRANTS RD SAND LIMITED  
 270 GRANTS ROAD  
 SOMERBY NSW 2250

Invoice Number SI 1774914		Invoice Date 01-07-24		Customer Number N142694		Customer Order Number 980G-REPLACE PINS		Store 54	Division G	Salesman I58	Terms 2	Page 1
PSO/WO No. NG40323		Doc Date 11-06-24		PC 10	LC 10	MC 10	Ship Via				Inv Seq No. 2732947	
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*				Equipment Number		Meter Reading 21454.0		Mach Id No.		

Description	Unit Price	Extension
CUSTOMER ABN: 41 092 896 074 WHERE REMANUFACTURED OR EXCHANGE COMPONENT/S HAVE BEEN USED IN THIS REPAIR, THIS DOCUMENT CONSTITUTES A COMBINED TAX INVOICE/RECIPIENT CREATED TAX INVOICE (RCTI). REFER TERMS AND CONDITIONS *****		
REPLACE BUCKET PIN		
Complaint: bucket pins squealing Cause: missing grease seals causing pin and bush wear Correction: sign in carry out paperwork wash machine remove bucket set up machine remove bucket control arms remove and install new bucket bushes and seal remove and install new bucket control arm bushes and seal install bucket grease all pins and bushes start and test tested ok pack up all tooling and equipment		
4 1V-9148 BEARING SLV S	214.54	858.16
12 3B-8489 FITTING-GREASE STRS	3.67	44.04
2 3B-8686 FITTING S	4.00	8.00

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	<b>Credit Amount Including GST</b>	

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270 GRANTS ROAD  
SOMERBY NSW 2250

Invoice Number SI 1774914		Invoice Date 01-07-24		Customer Number N142694		Customer Order Number 980G-REPLACE PINS		Store 54	Division G	Salesman I58	Terms 2	Page 2
PSO/WO No. NG40323		Doc Date 11-06-24		PC 10	LC 10	MC 10	Ship Via			Inv Seq No. 2732947		
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*				Equipment Number		Meter Reading 21454.0		Mach Id No.		

Description					Unit Price	Extension
8	7K-9209	SEAL	S		29.86	238.88
4	7K-9211	SEAL	S		38.83	155.32
2	7X-7742	WASHER	S		32.96	65.92
2	8T-4141	BOLT	S		12.33	24.66
8	8T-5439	WASHER	S		7.54	60.32
4	8T-5460	BOLT	S		7.04	28.16
4	9C-7907	SPACER	S		40.38	161.52
2	185-7220	BEARING-SLEE	N		498.53	997.06
6	186-6319	WASHER	S		48.32	289.92
4	186-6320	WASHER	S		74.60	298.40
2	201-1161	SPACER	S		58.32	116.64
2	522-5200	PIN-YM	N		467.24	934.48
1	605-2194	WIPER	S		30.13	30.13
TOTAL PARTS					SEG. 01	4311.61 *
TOTAL LABOR					SEG. 01	1756.54 *
SEGMENT 01 TOTAL						6068.15 T
-----						
TRAVEL TO/FROM JOB SITE						
40.00	MOBILISATION					126.00
TOTAL MISC CHGS					SEG. 99	126.00 *

EFT payments can be made to the following bank A/C: BSB - 036 000 Account Number - 961279 Account Name - WesTrac P/L Please quote your Customer Number on all payments. This number is on all Statements & Invoices.		<b>Total Amount Including GST</b>	CONT 'D
		<b>Credit Amount Including GST</b>	

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 SOMERBY NSW 2250

Invoice Number SI 1774914		Invoice Date 01-07-24		Customer Number N142694		Customer Order Number 980G-REPLACE PINS		Store 54	Division G	Salesman I58	Terms 2	Page 3
PSO/WO No. NG40323		Doc Date 11-06-24		PC 10	LC 10	MC 10	Ship Via				Inv Seq No. 2732947	
Make AA	Model 980G	Serial Number *CAT0980GLAXG01302*				Equipment Number		Meter Reading 21454.0		Mach Id No.		

Description	Unit Price	Extension
SEGMENT 99 TOTAL		126.00 T
-----		
ENVIROMENTALS		52.70 T
Sub Total		6246.85
GST		624.69 T
**** NETT 30 DAYS ****		
DUE 30 DAYS FROM END OF MONTH		

EFT payments can be made to the following bank A/C: <b>BSB - 036 000 Account Number - 961279 Account Name - WesTrac P/L</b> AUD	<b>Total Amount Including GST</b>	6871.54
Please quote your Customer Number on all payments. This number is on all Statements & Invoices.	<b>Credit Amount Including GST</b>	

\* Denotes non-returnable items

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# ASBESTOS REMOVAL CONTROL PLAN

Licensed asbestos removal contractor: Local Asbestos Removal

License number: AD 212 546

Address:

Type of work:

Tick applicable box.... <input type="checkbox"/>	Building & structures		Plant & equipment	
	Friable	Non-Friable	Friable	Non-Friable
<b>Notification</b>				
Notification requirements have been met and required documentation will be on site (e.g. removal licence, control plan, training records)		Yes		
Work Cover notification number:				
<b>Identification</b>				
Details of asbestos to be removed (e.g. the locations, whether asbestos is friable/non-friable, its type, condition and quantity being removed)		Yes		
Estimate total to be removed:				
Dwelling external cladding..... <input type="checkbox"/>				
Dwelling external eaves..... <input type="checkbox"/>				
Dwelling external fascia..... <input type="checkbox"/>				
Dwelling internal kitchen..... <input type="checkbox"/>				
Dwelling internal bathroom..... <input type="checkbox"/>				
Dwelling internal laundry..... <input type="checkbox"/>				
Garage..... <input type="checkbox"/>				
Shed..... <input checked="" type="checkbox"/>				
Other describe... <del>Workshop roof</del> SIDE WALLS OF SHED <input checked="" type="checkbox"/>				
<b>Preparation</b>				
Consult with relevant parties (health and safety representative; workers; person who commissioned the removal work, licensed asbestos assessors)		Yes		
1. Client name and contact number: <i>ARAVIS RO SANDS 0418 116 861</i>				
2. Client has copy of this asbestos removal control plan..... <input checked="" type="checkbox"/>				
3. Competent person/Licensed asbestos assessor consulted.... <input checked="" type="checkbox"/>				
4. Workers consulted via tool box on asbestos removal Safe work method statement ..... <input checked="" type="checkbox"/>				
5. Workers consulted via tool box on asbestos removal control plan..... <input checked="" type="checkbox"/>				
Assigned responsibilities for the removal				
1. Site supervisor:				
2. Other:				
Program commencement and completion dates				
Start: Finish:				
Emergency plans				
1. In the vent of emergency all personnel to leave site and meet at on footpath.				
2. Phone triple zero for assistance				

Asbestos removal boundaries, including the type and extent of isolation required and the location of any signs and barriers		Yes		
1. Asbestos removal area is defined by site fencing, which is 1.8m high fencing ..... <i>N/A</i> ..... <input type="checkbox"/> 2. Asbestos warning sign to be located on front fence and visible from the street ..... <input checked="" type="checkbox"/> 3. <b>Asbestos removal area to be clearly defined by barricades</b> ..... <input checked="" type="checkbox"/>				
Control of other hazards including electrical and lighting installations		Yes		
1. Electrical Meter Board still active: 2. List other hazards and controls: None				
PPE to be used including RPE		Yes		
1. Disposable coveralls rated type 5, category 3. 2. P2 respirator 3. Safety boots-no laces 4. Nitral gloves				
<b>Removal</b>				
Details of air-monitoring program		No		
Control and clearance				
1. Air monitoring is not occurring. 2. Clearance Inspection by				
Waste storage		Yes		
1. Plastic wrapped asbestos material will be placed into truck double lined with 200 um black plastic and disposed of as soon as possible.				
Method for removing the asbestos (wet and dry methods)		Yes		
Wet method for removal of non-friable asbestos material: 1. PVA spray and wet down sheets with water. 2. Black plastic, min 2micron, on ground below panel. 3. Chisel or punch head of securing nails. 4. Unscrew or crop head of securing screws. 5. Remove sheets without intentional breakage. 6. Once removed sheets are placed on double layer 2 micron black plastic in truck. 7. Remove all fragments from removal area and timber supports and dispose of into designated asbestos waste bags. Seal bags. 8. Wrap all asbestos panels in double layer black plastic and seal with tape.				
Asbestos removal equipment (e.g. spray equipment, asbestos vacuum cleaners, cutting tools)		Yes		
1. Garden hose connected to mains water. 2. PVA bottle spray 3. Hammer 4. End Nips for removing fixings. 5. List other: None				
		No		
		No		

Other risk control measures to prevent the release of airborne asbestos fibres from the area where asbestos removal is undertaken		No		
<b>Decontamination</b>				
Detailed procedures for workplace decontamination, the decontamination of tools and equipment, personal decontamination and the decontamination of non-disposable PPE and RPE		Yes		
<ol style="list-style-type: none"> <li>1. Wet wipe all hand tools, boots and gloves.</li> <li>2. Remove any visible fibres from protective clothing by wiping with damp cloth.</li> <li>3. Carefully remove disposable protective clothing and place into double bag and seal.( PPE must still be worn)</li> <li>4. Double bag plastic used for decon area and seal.</li> <li>5. Remove RPE and bag.</li> <li>6. Don't leave Asbestos removal area until Decon- completed</li> </ol>				
<b>Waste Disposal</b>				
Method of disposing of asbestos wastes		Yes		
<ol style="list-style-type: none"> <li>1. Asbestos related waste will be disposed of to: Woy Woy Land fill</li> <li>2. At the end of each day the used of wet wipes, disposable coveralls and disposable respirators shall be sealed into designated asbestos waste bags.</li> <li>3. All asbestos related waste will be removed from site directly for disposal as soon as practicable.</li> <li>4. Asbestos disposal receipts will be kept.</li> </ol>				
•		No		
<b>Clearance and air monitoring</b>				
Name of the independent licensed asbestos assessor or competent person engaged to conduct air monitoring (if any)		No		
Name of the independent licensed asbestos assessor or competent person engaged to clearance		Yes		
1. Independed competent person name and phone number:				
<b>Consultation</b>				
Consult with any people who may be affected by the removal work, including neighbours		Yes		
1. All properties in the immediate vicinity notified of the date the asbestos Removal work will begin using letter box drop (min 1 day notice) ..... <input checked="" type="checkbox"/>				



## Payment submitted



**Paid \$10,591.38 to CC Council SGE Road** 24885 0420 4798

CENTRAL COAST COUNCIL DEBTORS

**Receipt no** N270444032168

---

**From** GRS Pty Ltd  
062-544 1080 5290

**Ref** 04204798

**Description** CCC Road Contribu

**On** Thu 04 July 2024 at 01:45 PM (Syd/Melb)

---

Pay faster. Set a default account to pay from and we'll automatically choose it when you make payments.

[Set default account](#)

ENTERED

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ENTERED 



**GRANTS ROAD SAND QUARRY**  
**CONSERVATION AND REHABILITATION BOND**  
**2022 REVIEW**

**NOVEMBER 2022**  
**REF: 22001/3**



**GRANTS ROAD SAND QUARRY  
CONSERVATION AND REHABILITATION BOND  
2022 REVIEW**

**Conacher Consulting Pty Ltd**

Environmental and Land Management Consultants

PO Box 4082, East Gosford NSW  
Phone: 02 4324 7888  
conacherconsulting@gmail.com

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Conacher Consulting P.L. ABN 62 166 920 869

## 1. PROJECT APPROVAL

The Grants Road Sand Quarry Extension received Project Approval as a State Significant Project under Section 75J of the Environmental Planning and Assessment Act on 25 July 2014 with modifications approved on 7 May 2018.

Condition 28 of Schedule 3 (Environmental Performance Conditions) requires the lodgement of a Conservation and Rehabilitation Bond to ensure that the biodiversity offset strategy and rehabilitation of the site are implemented in accordance with the performance completion criteria identified in the approved Landscape and Rehabilitation Management Plan (Conacher Consulting November 2019).

Condition No. 28 of Schedule 3 identifies that the sum of the bond shall be determined by:

- a. Calculating the cost of implementing the Biodiversity Offset Strategy over the next three years;
- b. Calculating the cost of rehabilitating disturbed areas of the site, taking into account the likely surface disturbance over the next three years of quarry operations.

The initial Rehabilitation Bond Calculation Report (December 2016 Ref 4143/6) was approved by the Department of Planning and Environment. There is no area proposed for quarry expansion over the next three years as all sandstone extraction, storage and environmental protection works will be restricted to the existing disturbed area.

## 2. BACKGROUND

### Bond Calculation - 2022

A review and update of the 2016 Bond Calculation Report is required as part of the ongoing performance requirements for the project. The Department of Planning and Environment requested that the 2022 cost estimation criteria to include consumer price index data for the financial year ending 2022 to recalculate the overall CPI for the revised rehabilitation cost estimate. The following details are provided in relation to the revision of the bond calculation amount.

The 2016 Rehabilitation Cost Estimate (December 2016) covered the following components and calculated financial costs (excluding GST) of \$305,250.00, as shown below.

a. Biodiversity Strategy Costs	\$ 9,000.00
b. Disturbed area earthworks, regrading	\$ 176,400.00
c. Revegetation works	\$ 58,800.00
d. Additional implementation costs	\$ 61,050.00

The 2022 Rehabilitation Cost Estimate has been determined based on the following criteria:

- i. Reduction of costs associated with the implementation of the biodiversity offsets.
- ii. An overall consumer price index increase of 14.1% for the period January 2017 to June 30 2022 (Australian Tax Office 2022).
- iii. Advice and baseline costings provided by relevant experts in earthmoving, revegetation and agronomy.
- iv. Rehabilitation and revegetation of the areas identified in Figure 1 and Table 2 in the event that the quarry ceases to operate within the next three years.

## **Areas Excluded from Rehabilitation at This Stage**

A previous version of this Conservation and Rehabilitation Bond Report (May 2022) was reviewed by the Department of Planning and Environment. The Department required the bond calculations are to include all disturbed areas, including the extraction pit and areas proposed to be disturbed over the next three years (to August 2025).

The additional items have been included in the bond calculations are listed below and are covered in Sections 4 and 5 of this Report:

- Environmental protection maintenance costs for water quality and sediment controls and internal access tracks
- Removal of surface infrastructure
- Regrading and revegetation of the quarry pit area.

The stormwater management ponds and quarry access roads are to be retained for environmental protection and maintenance purposes in the event that the quarry ceases to operate. Therefore, these areas are not proposed for restoration within the provisions of this bond calculation. A provisional amount of bond has been allocated to the management of these facilities if the bond is to be activated.

## **Ongoing Actions in Biodiversity Offset Areas**

As required in the project approval conditions, the implementation of the original Biodiversity Offset Strategy is linked to the expansion of the quarry area in relation to both funding of the offset strategy and for obtaining resources for use in the offset areas, as per the Biodiversity Offset Area Management Plan. Therefore, if the quarry ceases to operate then the continuance of the implementation of actions in the initial biodiversity offset areas would need to be evaluated and modified at that time.

The overall biodiversity offset areas have increased considerably since 2016 through the inclusion of adjoining areas in DP 358717 to the south. The works required under the Biodiversity Offset Area Management Plan have been implemented. A provision of fence maintenance costs has been incorporated into this Bond Calculation Report.

## **Rehabilitation Objectives**

The rehabilitation objectives for this project are outlined in Approved Condition 25 of Schedule 3, and are reproduced in Table 1. These rehabilitation objectives also apply to the site for the rehabilitation bond calculations for the scenario that the bond is to be activated by the Department to rehabilitate the site within the next three years.

**TABLE 1  
REHABILITATION OBJECTIVES**

FEATURE	OBJECTIVES	ACTIONS/BUDGET
Site (As a whole)	<ul style="list-style-type: none"> <li>• Safe, stable and non-polluting</li> <li>• Minimise the visual impact of the final landforms as far as is reasonable and feasible</li> </ul>	<ul style="list-style-type: none"> <li>• Water quality ponds</li> <li>• Visual screen bunds</li> <li>• Internal access</li> <li>• Regrading and revegetation</li> <li>• <b>RCE</b> Items a/d/e</li> </ul>
Surface Infrastructure	<ul style="list-style-type: none"> <li>• To be decommissioned and removed unless the Secretary agrees otherwise</li> </ul>	<ul style="list-style-type: none"> <li>• Infrastructure to be removed at end of quarrying</li> <li>• <b>RCE</b> Item e</li> </ul>
Quarry Benches	<ul style="list-style-type: none"> <li>• Suitably landscaped and revegetated using native species</li> </ul>	<ul style="list-style-type: none"> <li>• Native trees and shrubs on batters, steeper slopes</li> <li>• <b>RCE</b> Item c</li> </ul>
Quarry Pit Floor	<ul style="list-style-type: none"> <li>• Establish land with a level floor of at least Class 4 agricultural suitability over 80% of the quarry floor</li> </ul>	<ul style="list-style-type: none"> <li>• Site regrading, surface revegetation, erosion controls, batters reshaped</li> <li>• Pasture grass to stabilise low slope surfaces. Native seed on slopes</li> <li>• Finished soil depth 0.5 metres</li> <li>• <b>RCE</b> Items b/c</li> </ul>
* <b>RCE</b> Rehabilitation Cost Estimate (RCE) – See Section 5		

### 3. REHABILITATION COSTINGS METHODOLOGY

The 2022 costing calculations for the rehabilitation bond have been determined by review of the relevant documents and guidelines, professional experience with land rehabilitation projects and current pricing rates provided by experienced local earthmoving contractors and revegetation expert.

The following documents and guidelines have been utilised for information in preparing the costs for the rehabilitation bond;

- i. Landscape and Rehabilitation Management Plan – Grants Road Sand Quarry Offset (Conacher Consulting P/L, November 2019)
- ii. Details of the 2016 baseline estimates for:
  - a. Earthworks Cost Estimate (\$3600/day index increase to \$4108/day)
  - b. Reseeding Cost Estimate (\$0.60/m<sup>2</sup> indexed increase to \$0.68/m<sup>2</sup>)
- iii. Rehabilitation Cost Estimate Guidelines (NSW Resources Regulator, 2017)
- iv. Rehabilitation Costs/Estimation Tool Handbook (NSW Department of Planning and Environment, 2017)
- v. Grants Road Sand Quarry (MP 08\_0 099 MOD1) Notice of Modification and Project Approval Conditions (DPE 7May 2018)
- vi. Australia Historical Consumer Price Index 2021-2022 (Australian Taxation Office 2022)
- vii. A Guide to the Consumer Price Index: 17th Series (Australia Bureau of Statistics 2018, p14).

### 4. MATTERS INCLUDED IN REHABILITATION BOND COSTINGS

The areas covered by the rehabilitation bond costing are:

- i. The Biodiversity Offset Area
- ii. Disturbed areas associated with the approved quarry.

In addition to these physical areas of the quarry approval the following matters are also incorporated into the cost calculation for the rehabilitation bond at rates (percentage of initial costs) as recommended in the Rehabilitation Cost Estimate Guidelines (Industry and Investment, 2017), as used in the initial Rehabilitation Bond Calculations.

- a. Project Management Costs - Preparation of rehabilitation details, contract management, consultation, surveys and administration costs.

Set at 10% of the rehabilitation costs.

- b. Monitoring Costs - for environmental monitoring of dust, noise, water quality, inspections etc.

Set at 5% of the rehabilitation costs.

- c. Contingencies Costs – for extra or additional matters not covered in initial rehabilitation costs.  
Set at 10% of the rehabilitation costs.
- d. Fencing costs – maintenance or repair to offset area deer fence.
- e. Maintenance costs for water quality and sediment control basins and internal access tracks.
- f. Removal of surface infrastructure (eg weighbridge, sheds, equipment. etc).
- g. Revegetation costs – The seeding cost provided in the Rehabilitation Cost Estimate is within the industry accepted costings for surface seeding to create a soil stabilising mixed species groundcover. This seeding cost estimate has been based on establishing a pasture vegetative cover of introduced grasses and legumes which would ultimately be used for stock grazing of rehabilitated pasture areas.
- h. An amount of \$8,000 has been allocated to the seeding of the extraction batter ledges with suitable native plant species.

The cost estimate of \$0.70/m<sup>2</sup> (CPI indexed price) for revegetation using pasture species is based on local experience with large scale site revegetation projects and was determined by the previous cost estimations in 2016 of \$0.60/m<sup>2</sup> to seed and fertilize disturbed areas based on the following components:

- Kikuyu grass                   5kg/ha
- Ryegrass                       10kg/ha
- White Clover                 10kg/ha
- Starter 17 Fertilizer       300kg/ha
- Area to be cultivated, seeded and harrowed

It should be noted that this revegetation method is required to achieve the desired outcome of a soil covering pasture to achieve a Class 4 Agricultural Suitability, not a native bushland scenario. Class 4 land is grazing land, not cropping land.

### Extent of area for rehabilitation

The areas of disturbance subject to this Report are shown in Figure 1 and detailed in Table 2.

<b>TABLE 2 AREAS OF DISTURBANCE FOR REHABILITATION</b>			
<b>PRECINCT*</b>	<b>ACTIVITY</b>	<b>DISTURBED AREA (ha)</b>	<b>CURRENT STATUS</b>
A	Material Processing/storage	2.65	ACTIVE
B	Overburden Stockpiles	0.65	ACTIVE
C	Processing/Storage	1.85	ACTIVE
D	Sediment Control	1.0	ACTIVE
E	Quarry extraction pit	1.65	ACTIVE
F	Area2, 3, Block Storage	0.35	ACTIVE
<b>Total Disturbed Area</b>		<b>8.15 ha</b>	
*REFER TO FIGURE 1 FOR LOCATION OF PRECINCTS			

## 5. COST CALCULATIONS FOR REHABILITATION BOND

The following details are provided for the calculation of the rehabilitation cost estimates,

a. Costs for maintenance of the of the Biodiversity Offset Area of the Biodiversity Offset Management Plan (Allocation estimate)		\$ 5,000.00
b. Cost for disturbed area rehabilitation measured at 8.15 hectares Stockpile regrading, topsoil spreading, surface reshaping (1700m <sup>2</sup> /day) using bulldozer and excavator at \$4,108.00 per day for 44 days.		\$180,752.00
c. Cost for seeding and mulching regraded areas 81,500m <sup>2</sup> @ \$0.70/m <sup>2</sup> \$57,050.00 Native seeding -\$ 7,000.00		\$ 64,050.00
d. Environmental controls - (Allocation estimate)		\$ 8,000.00
e. Infrastructure removal - (Allocation estimate)		\$ 12,000.00
	<b>Subtotal</b>	<b>\$ 269,802.00</b>
f. Additional Costs to Implement Rehabilitation Works		
Project Management Costs (10%)		\$ 26,980.00
Contingency Cost (10%)		\$ 26,980.00
Monitoring Provision (5%)		\$ 13,490.00
	<b>Additional Costs Sub-total</b>	<b>\$ 67,450.00</b>
	<b>Total</b>	<b>\$ <u>337,252.00</u></b>

## 6. REHABILITATION COST ESTIMATE

The Rehabilitation Cost Estimate (RCE) has been calculated at **\$337,252.00**.

As identified in Section 2.8 of the Rehabilitation Cost Estimate Guidelines (Industry and Investment, 2010) the above costs do not include a goods and services tax provision.

The Rehabilitation Cost Estimate of **\$340,000.00** (rounded up figure) should be considered as the equivalent of an amount for the Conservation and Rehabilitation Bond as identified in Condition No. 28 of Schedule 3 of the project approval conditions, as determined above.

Report and rehabilitation cost estimates prepared by:



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# Appendix E

JME21074 Grants Road Quarry  
Environmental Audit



**Photograph 1:** Quarry pit with vegetation stabilised bund



**Photograph 2:** Sediment laden water entering the sediment pond (right) and clean water exiting pond (left)

JME21074 Grants Road Quarry  
Environmental Audit



**Photograph 3:** Fenced Cultural Heritage Item (RE1) with block fence in the background