

NSW EPA GENERAL TERMS OF APPROVAL

Protection of the Environment Operations Act 1997

General Terms of Approval - Issued

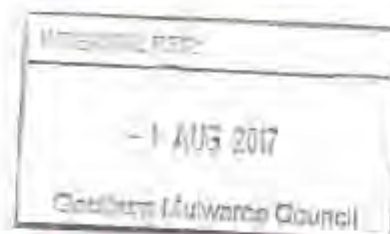


Notice No: 1552980

Goulburn Mulwaree Council

Locked Bag 22

GOULBURN NSW 2580



Attention: Dianne James

SCANNED

Notice Number 1552980
File Number SF14/15753
Date 27-Jul-2017

Dear Ms James

**Re: Development Application No. DA/0330/1617, Lots 1 & 2 DP 1094056
63 and 65 Curlewin Lane, Boxers Creek**

Issued pursuant to Section 91A(2) Environmental Planning and Assessment Act 1979

I refer to the development application (DA) and accompanying information provided for the proposed development of a quarry at 63 and 65 Curlewin Lane, Boxers Creek, received by the NSW Environment Protection Authority (EPA) on 31 May 2017.

The EPA understand that the DA has been referred to the EPA for consideration under the Integrated Development provisions of the *Environmental Planning and Assessment Act 1979*. Accordingly, the EPA has reviewed the DA and the information provided and has determined that, should the DA be approved, the EPA would be able to issue an Environment Protection Licence for the proposal, subject to a number of conditions. The applicant will need to make a separate application to the EPA to obtain this licence if development consent is granted.

The EPA's general terms of approval (GTA) for this proposal are provided at **Attachment A**. If Goulburn Mulwaree Council grants development consent for this proposal these conditions are required to be incorporated into the consent.

These GTA relate to the development as proposed in the documents and information currently provided to the EPA. In the event that the development is modified either by the applicant prior to the granting of consent or as a result of the conditions proposed to be attached to the consent, it will be necessary to consult with the EPA about the changes before the consent is issued. This will enable the EPA to determine whether its GTA need to be modified in light of the changes.

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In the event that consent is granted, the EPA would also like to take this opportunity to remind the applicant that Scheduled Development Work (e.g. construction) or Scheduled Activities (e.g. extraction, processing or storage of more than 30,000 tonnes per annum of extractive materials) associated with the proposed development are not permitted onsite until application is made for Scheduled Development Work and Scheduled Activity licences and these are issued by the EPA.

Further, notwithstanding whether the EPA can licence the proposed quarry, the EPA notes much public concern has been raised in relation to the overall suitability of the site to accommodate this purpose. Whilst the information provided in support of the proposal meets the EPA's guideline requirements, this does not guarantee that potential land use conflicts may not still arise as a result of the proposal given historical planning decisions made with regard to the areas surrounding the site. Accordingly, the provisions of the *Environmental Planning and Assessment Act 1979* provide that the consent authority is ultimately responsible to ensure that the selected location of any proposed development is compatible with the existing nature and character of the surrounding area(s), will not result in land use conflict scenarios and is in keeping with the broader strategic planning objectives of the area.

If you have any questions, or wish to discuss this matter further please contact Michael Heinze on 6229 7002.

Yours sincerely

Stefan Press
Acting Unit Head (North Unit)
South East - Queanbeyan

(by Delegation)

27/07/17

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Administrative conditions

A1. Information supplied to the EPA

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

- the development application DA/0330/1617 submitted to Goulburn Mulwaree Council on 11 May 2017;
- the environmental impact statement *"Proposed basalt quarry, Lots 1 & 2 DP 1094055 63 Curdewin Lane, Boxers Creek, 17033 Hume Highway, Boxers Creek. Reference No. 1707"* and dated May 2017, relating to the development; and
- all additional documents and correspondence supplied to the EPA in relation to the development including but not limited to:
 - *"Noise Impact Assessment for Argyle (NSW) Pty Ltd Tiyces Lane, Boxers Creek"*, prepared by Benbow Environmental, Report No. 161048_NIA_rev2, dated 10 May 2016;
 - *"Noise Monitoring Plan for Argyle (NSW) Pty Ltd, Tiyces Lanes, Boxers Creek"*, prepared by Benbow Environmental, Report No. 161048-03_NMP_REV2, dated 9 May 2016; and
 - *Quantitative Air Assessment for Marian Vale Pastoral Co Pty Ltd 63 Tiyces Lane, Towrang*, prepared by Benbow Environmental, Report No. 109089_Air_Final_Rep, dated 2 October 2009;
 - *Air Assessment Report - Amended Quantitative Air Assessment for Marian Vale Pastoral Co Pty Ltd 63 Tiyces Lane, Towrang*, prepared by Benbow Environmental, Report No. 161048_Air_Rev1, dated 9 May 2016;
 - *Air Quality Monitoring Plan for Argyle (NSW) Pty Ltd, Tiyces Lanes, Boxers Creek*, prepared by Benbow Environmental, Report No. 161048-02_AQ-Rev2, dated 10 May 2016;
 - *Water Cycle Management Study for proposed Argyle Quarry Lot 1 DP 1094055 Curdewin Lane, Boxers Creek* prepared by SEEC, SEEC Reference 16000080-WCMS-0A, dated 13 April 2017; and
 - *Operational Environmental Management Plan for Argyle Quarry Lot 1 DP 1094055, Curdewin Lane, Boxers Creek* prepared by SEEC, SEEC Reference 16000080-OEMP-05, dated 13 April 2017.

A2. Fit and Proper Person

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

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Discharges to Air and Water Applications to Land

P1. Location of monitoring/discharge points and areas

P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

Air

EPA Identification No	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Dust monitoring		DMP#1 (Location 4) in Figure 5-1 of 'Air Quality Monitoring Plan for Argyle (NSW) Pty Ltd, Tlyces Lanes, Boxers Creek', prepared by Benbow Environmental, dated 10 May 2016 (the AQMP)
2	Dust monitoring		DMP#2 (Location 2) in Figure 5-1 of the AQMP
3	PM-10		TBC* (see note below)

*Point 3 refers to the selected point of either PM10 Location 2, Location 3 or Location 4, in Figure 5-1 of the AQMP as determined following 12 months of data collection.

Limit conditions

L1. Pollution of waters

L1.1 Except as may be expressly provided by a licence under the Protection of the Environment Operations Act 1997 in relation of the development, section 120 of the Protection of the Environment Operations Act 1997 must be complied with in and in connection with the carrying out of the development.

L2. Waste

L2.1 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by a licence under the *Protection of the Environment Operations Act 1997*.

L2.2 This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if it requires an environment protection licence under the *Protection of the Environment Operations Act 1997*.

Note: Condition L2.2 is included to ensure that a promised based activity is not used as a waste facility (unless that scheduled activity is permitted by another condition).

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L3. Noise limits

L3.1 Construction noise from the premises must not exceed the limits specified in the following table:

Noise Assessment Location*	L _{Aeq} (15min)
R1	40
R2	45
R3	36
R4	37
R5	36
R6	35
R7	35
R8	35
R9	36
R10	35
R11	35
R12	35
R13	42

*Locations as identified in the "Noise Impact Assessment for Argyle (NSW) Pty Ltd Tlyces Lane, Boxers Creek", prepared by Benbow Environmental, dated 10 May 2016 (the NIA).

Note: the construction noise limits specified above are derived from the predicted worst-case scenario for each receiver as shown in Tables 5-4 to 5-8 in the NIA.

L3.2 Operational noise from the premises must not exceed the limits specified in the following table:

Noise Assessment Location*	L _{Aeq} (15min)
R1	35
R2	35
R3	35
R4	35
R5	35
R6	35
R7	35
R8	35
R9	35
R10	35
R11	35
R12	35

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R13	35
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*Locations as identified in the "Noise Impact Assessment for Argyle (NSW) Pty Ltd Triyces Lane, Boxers Creek", prepared by Benbow Environmental, dated 10 May 2016 (the NIA).

L3.3 Noise from the premises is to be measured at the nearest sensitive receiver to determine compliance with conditions **L3.1** and **L3.2**.

Note: Noise measurement

For the purpose of the noise criteria for this condition, 5dBA must be added to the measured level if the noise is substantially tonal or impulsive in character. The location or point of impact can be different for each development, for example, at the closest residential receiver or at the closest boundary of the development. Measurement locations can be:

1 metre from the facade of the residence for night time assessment;

at the residential boundary;

30 metres from the residence (rural situations) where boundary is more than 30 metres from residence.

L3.4 The noise emission limits identified in **L3.1** and **L3.2** apply for prevailing meteorological conditions (winds up to 3m/s), except under conditions of temperature inversions. Noise impacts that may be enhanced by temperature inversions must be addressed by:

documenting noise complaints received to identify any higher level of impacts or patterns of temperature inversions;

where levels of noise complaints indicate a higher level of impact then actions to quantify and ameliorate any enhanced impacts under temperature inversions conditions should be developed and implemented.

L4. Hours of operation

L4.1 All construction work at the premises must only be conducted between the hours listed in the following table:

Activity	Monday to Friday	Saturday	Sunday and Public holidays
Construction	7.00am to 5.00pm	7.00am to 1.00pm	None

L4.2 Activities at the premises, other than construction work, may only be carried on between the hours listed in the following table:

Activity	Monday to Friday	Saturday	Sunday and Public holidays
Crushing	7.00am to 5.00pm	None	None
All other activities	7.00am to 5.00pm	7.00am to 1.00pm	None

L4.3 This condition does not apply to the delivery of material outside the hours of operation permitted by condition **L4.1** or **L4.2**, if that delivery is required by police or other authorities for safety reasons; and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification is provided to the EPA and affected residents as soon as possible, or within a reasonable period in the case of emergency.

L4.4 The hours of operation specified in conditions **L4.1** and **L4.2** may be varied with written consent if the EPA is satisfied that the amenity of the residents in the locality will not be adversely affected.

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Operating conditions

01. Dust

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

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

02. Stormwater/sediment control - Construction Phase

03.1 A Soil and Water Management Plan (SWMP) must be prepared and implemented. The plan must describe the measures that will be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction activities. The SWMP should be prepared in accordance with the requirements for such plans outlined in *Managing Urban Stormwater: Soils and Construction* (available from the Department of Housing).

03. Stormwater/sediment control - Operation Phase

03.1 A Stormwater Management Plan must be prepared for the development and must be implemented. Implementation of the Scheme must mitigate the impacts of stormwater run-off from and within the premises following the completion of construction activities. The Scheme should be consistent with the Stormwater Management Plan for the catchment. Where a Stormwater Management Plan has not yet been prepared the Plan should be consistent with the guidance contained in *Managing Urban Stormwater: Council Handbook* (available from the EPA).

Monitoring and recording conditions

M1 Monitoring records

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

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

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

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

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

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M2. Requirement to monitor concentration of pollutants discharged

M2.1 For each monitoring/ discharge point or utilisation area specified below (by a point number), the applicant must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The applicant must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

Points 1 and 2

Air

Pollutant	Units of measure	Frequency	Sampling Method
Particulates - deposited matter	g/m ² /month	Continuous	AM-19

Point 3

Air

Pollutant	Units of measure	Frequency	Sampling Method
PM-10	µg/m ³	Special Frequency 1	AS/NZS 3580.9.6.2003

Note: For the purposes of the table(s) above Special Frequency 1 means the collection of samples on a one day in six cycle using a HVAS fitted with size selective inlet for PM10.

M3. Testing methods - concentration limits

M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by the EPA's general terms of approval, or a licence under the *Protection of the Environment Operations Act 1997*, in relation to the development or in order to comply with a relevant local calculation protocol must be done in accordance with:

any methodology which is required by or under the POEO Act 1997 to be used for the testing of the concentration of the pollutant; or

if no such requirement is imposed by or under the POEO Act 1997, any methodology which the general terms of approval or a condition of the licence or the protocol (as the case may be) requires to be used for that testing; or

if no such requirement is imposed by or under the POEO Act 1997 or by the general terms of approval or a condition of the licence or the protocol (as the case may be), any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note: The Protection of the Environment (Clean Air) Regulation 2010 requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

Reporting conditions

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

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Attachment – Mandatory Conditions for all EPA licences

Operating conditions

Activities must be carried out in a competent manner

Licensed activities must be carried out in a competent manner.

This includes:

- a. the processing, handling, movement and storage of materials and substances used to carry out the activity, and
- b. the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

Maintenance of plant and equipment

All plant and equipment installed at the premises or used in connection with the licensed activity:

- a. must be maintained in a proper and efficient condition; and
- b. must be operated in a proper and efficient manner.

Monitoring and recording conditions

Recording of pollution complaints

The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

The record must include details of the following:

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

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

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

Telephone complaints line

The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

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The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

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

Reporting conditions

Annual Return documents

What documents must an Annual Return contain?

The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

- a. Statement of Compliance; and
- b. Monitoring and Complaints Summary.

A copy of the form in which the Annual Return must be supplied to the EPA accompanies this licence. Before the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

Period covered by Annual Return

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

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

Where this licence is transferred from the licensee to a new licensee,

- a. the transferring licensee must prepare an annual return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
- b. the new licensee must prepare an annual return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

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

Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an annual return in respect of the period commencing on the first day of the reporting period and ending on

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

Deadline for Annual Return

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

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Licensee must retain copy of Annual Return

The licensee must retain a copy of the annual return supplied to the EPA for a period of at least 4 years after the annual return was due to be supplied to the EPA.

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

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

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

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

Notification of environmental harm

Note: The licensee or its employees must notify the EPA of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

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

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

Written report

Where an authorised officer of the EPA suspects on reasonable grounds that:

- a. where this licence applies to premises, an event has occurred at the premises; or
- b. where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence;

and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

The request may require a report which includes any or all of the following information:

- a. the cause, time and duration of the event;
- b. the type, volume and concentration of every pollutant discharged as a result of the event;
- c. the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event; and
- d. the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
- e. action taken by the licensee in relation to the event, including any follow-up contact with any complainants.

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- f. details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event;
- g. any other relevant matters.

The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

General conditions

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

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

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

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

NSW RMS SUBMISSION

Our Ref: STH05/00270/28
Contact: Amanda Priestley
Your Ref: DA/0330/1617



Transport
Roads & Maritime
Services

14 July 2017

Di James
Goulburn-Mulwaree Shire Council
BY EMAIL: council@goulburn.nsw.gov.au

DEVELOPMENT APPLICATION 0330/1617 – LOTS 1& 2 DP 1094055, 63 & 65 CURLEWIN LANE, BOXERS CREEK, EXTRACTIVE INDUSTRY (QUARRY)

Dear Di James

Roads and Maritime Services (RMS) refers to your email dated the 1st of June 2017 regarding the subject development application (DA).

RMS has reviewed the information provided and advises that the DA application does not provide enough information to assess the impacts of the development. As such, RMS needs the following information to be provided:

- The plans provided need to be amended to address the following comments:
 - The drawings provided do not nominate the crossfall of the R30 curve. The radius along with the crossfall would establish turning speed in accordance with Austroads Guide to Road Design (AGRD), Part 4A (2010), figure 5.2. The operating speed of this curve would influence the required acceleration lane length, once determined the appropriate length should be reflected in the plan and justified in the traffic report;
 - The drawing does not adequately detail the intended length of acceleration lane and the merge treatment. The length should comply with AGRD, Part 4A (2010), section 5.3.2;
 - The plans do not indicate that a shoulder has been proposed. An absolute minimum 1m wide sealed shoulder is required in accordance with AGRD, Part 3 (2016) section 9.9.3;
 - The proposed table drain is too steep and does not comply with AGRD part 3 (2016) section 4.6.1;
 - Line marking and signposting needs to be detailed;
 - More information is required in regards to the proposed drainage treatments. This should demonstrate compliance with AGRD;
 - Catch drains are to be designed in accordance with AGRD Part 3 (2016) section 4.6.2;

Roads & Maritime Services

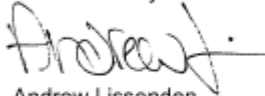
Level 4, Southern Regional Office, 80 Crown Street, Wollongong NSW 2500 | PO Box 477 Wollongong East NSW 2520
T 02 4221 2460 | F 02 4221 2777 | www.rmsservices.nsw.gov.au |

- It is noted that the affected existing safety barrier would need to be relocated, this should be identified in future plans.
- The crossfall of the acceleration lane and merge must be an extension of the existing highway crossfall.
- The developer needs to provide a swept path analysis in accordance with Austroads turning templates to demonstrate that the largest vehicle likely to utilise the access can enter and exit the driveway in a forward direction without crossing the centre line of Hume Highway.

RMS will reconsider the application once the above issues are addressed to its satisfaction. If you have any questions please contact Amanda Priestley on (02) 4221 2576, Mondays, Wednesdays or Fridays.

Please ensure that any further email correspondence is sent to development.southern@rms.nsw.gov.au.

Yours faithfully



Andrew Lissenden
A/Manager Land Use
Southern Region

Roads & Maritime Services

Level 4, Southern Regional Office, 90 Crown Street, Wollongong NSW 2500 | PO Box 477 Wollongong East NSW 2520
T 02 4221 2460 | F 02 4221 2777 | www.rmsservices.nsw.gov.au |

Our Ref: STH05/00270/29&30
Contact: Amanda Priestley
Your Ref: DA/0330/1617



14 August 2017

Di James
Goulburn Mulwaree Council
council@goulburn.nsw.gov.au

Cc: keith@laterals.com.au

DEVELOPMENT APPLICATION DA/0330/1617 – LOTS 1 & 2 DP 1094055, 288 TIYCES LANE, BOXERS CREEK, EXTRACTIVE INDUSTRY (QUARRY)

Dear Di James,

Roads and Maritime Services (RMS) refers to correspondence from Keith Allen, dated the 4th August 2017 (in response to RMS' letter, dated the 14th July 2017) and RMS' earlier letter, dated 13th February 2017 (providing concurrence with conditions, given the time restraints at the time relating to the pending court hearing), regarding the subject development application.

RMS notes that although additional information would preferably be required from the applicant, given that RMS previously provided concurrence, and considers that the outstanding issues could be addressed post consent, RMS provides the below conditions of consent, noting that additional design details will be required, including but not limited to the following;

- Cross sections for the acceleration lane and the superelevation on the 30m radius curve will be required to determine the acceleration lanes length. Noting that the lengths indicated on current plans may need to be increased upon further assessment.
- Details of the merge treatment will be required and must comply with AGRD part 3 (2016) section 9.9.2.
- Details of the required drainage such as table and catch drains will be required and must meet AUSTROADS and RMS standards. It is noted that any table drain must comply with AGRD part 3 (2016) section 4.6.1.
- Additional measures may need to be implemented to prevent Quarry vehicles from turning right into and/or out of Tiyces lane from the Hume Highway, as determined in further RMS assessment.
- All line marking and signage details will require approval from RMS, and may require amendments.
- A safety barrier assessment must be carried out.
- RMS notes that the crossfall of the acceleration lane and merge must be an extension of the existing Hume Highway crossfall.

RMS will not object to the development application subject to the following comments being included in the conditions of development consent:

Roads & Maritime Services

Level 4, Southern Regional Office, 90 Crown Street, Wollongong NSW 2500 | PO Box 477 Wollongong East NSW 2520
T 02 4221 2460 | F 02 4221 2777 | www.rmservices.nsw.gov.au |

- Prior to the issuing of the construction certificate, the developer must enter into a Works Authorisation Deed (WAD) with the RMS for all works on the Hume Highway.
- Prior to any operations, the developer must provide a southbound left turn deceleration lane on the Hume Highway, at the location shown in the attached plans. The deceleration lane must be designed as a sealed Rural Auxiliary Left Turn Treatment (AUL) in accordance with Section 8.2.3 of Austroads Guide to Road Design Part 4a: Unsignalised and Signalised Intersections.
- Prior to any operations, the developer must provide a southbound left turn acceleration lane from Tiycles Lane, onto the Hume Highway, generally as shown in the attached concept. The acceleration lane must be designed to comply with Austroads Guide to Road Design Part 4a: Unsignalised and signalised intersections and the relevant RMS Supplement for a design speed of 110km/h, for light vehicles.
- Quarry trucks must not undertake any right turn movements between Tiycles Lane and the Hume Highway. Instead, all vehicles wishing to exit Tiycles Lane and travel north must do so by travelling south along the Hume Highway and undertaking a U-turn at the Southern Goulburn Interchange. Similarly, all heavy vehicles northbound wishing to enter the development must travel north along the Hume Highway and undertake a U-turn at the interchange south of Marulan and enter via the deceleration lane. The developer must implement and enforce a code of conduct for all drivers which require heavy vehicles to use this route.
- Access arrangements to/from the Hume Highway to Lot 2 DP 1094055 must be maintained.
- All access to Lots 1 & 2 DP 1094055 must be via a "Right of Way" legally certified on the titles of the burdened lots prior to an occupation certificate being issued by way of a Section 88B Instrument under the Conveyancing Act, 1919.
- All pavement design on the State road network must be in accordance with Austroads standards. **It should be noted that pavement investigations need to consider the suitability of the existing shoulder to accommodate new loadings and if necessary, the developer must upgrade the existing shoulder.**
- Where required, the developer must upgraded/provided lighting in accordance with Australian Standard AS/NZS1158.
- Any new services or modifications to existing services associated with this development application that involve works on, over or under the Hume Highway must be incorporated into, and managed under, the Works Authorisation Deed for the project. Note: It is the developer's responsibility to identify these works to RMS project manager.
- All roadworks, traffic control facilities and other works associated with this development, including any modifications required to meet RMS standards, will be at no cost to RMS. All works must be completed prior to occupation.
- All roadworks and traffic control facilities must be undertaken by a pre-qualified contractor. A copy of pre-qualified contractors can be found on the RMS website at:
<http://www.rta.nsw.gov.au/doingbusinesswithus/tenderscontracts/prequalifiedcontractors.html>
- RMS will be exercising its powers under Section 64 of the Roads Act, 1993 to become the roads authority for works on the Hume Highway. Given this, Section 138 consent under the Roads Act, 1993 must be obtained from the RMS prior to construction.

Note: It is requested that the consent authority advise the applicant that conditions of development consent do not guarantee RMS final consent to the specific road work, traffic control facilities and other structures and works on the classified road network. In this regard,

Roads & Maritime Services

Level 4, Southern Regional Office, 90 Crown Street, Wollongong NSW 2500 | PO Box 477 Wollongong East NSW 2520
T 02 4221 2460 | F 02 4221 2777 | www.rmservices.nsw.gov.au |

prior to undertaking any such work, the applicant is required to submit detailed design plans and all relevant additional information prior to commencing work on the State road network. The developer will need to pay all RMS fees and charges associated with works. In the first instance, to progress the post consent process, the applicant should email the conditions of development consent to: WAD.southern@rms.nsw.gov.au

- The developer must apply for, and obtain a Road Occupancy Licence (ROL) from the RMS Traffic Operations Unit (TOU) prior to commencing roadworks on a State Road or any other works that impact a travel lane of a State Road or impact the operation of traffic signals on any road. The application will require a Traffic Management Plan (TMP) to be prepared by a person who is certified to prepare Traffic Control Plans. Should the TMP require a reduction of the speed limit, a Speed Zone Authorisation will also be required from the TOU. The developer must submit the ROL application 10 business days prior to commencing work. It should be noted that receiving an approval for the ROL within this 10 business day period is dependent upon RMS receiving an accurate and compliant TMP.

Notes: An approved ROL does not constitute an approval to commence works until an authorisation letter for the works has been issued by RMS Project Manager.

Conditions of development consent relating to road work, traffic control facilities and other structures on the classified road network contrary to those outlined above are unlikely to receive RMS consent under the Roads Act, 1993.

RMS highlights that in determining the application under Part 4 of the Environmental Planning and Assessment Act, 1979, it is the consent authority's responsibility to consider the environmental impacts of any road works which are ancillary to the development. This includes any works which form part of the proposal and/or any works which are deemed necessary to include as requirements in the conditions of development consent. Depending on the level of environmental assessment undertaken to date and nature of the works, the consent authority may require the developer to undertake further environmental assessment for any ancillary road works.

Upon determination of this matter, it would be appreciated if Council could email a copy of the Notice of Determination to RMS via development.southern@rms.nsw.gov.au.

Yours faithfully,



Joanne Parrott
Network & Safety Manager
Network Management, Southern Region

Roads & Maritime Services

Level 4, Southern Regional Office, 90 Crown Street, Wollongong NSW 2500 | PO Box 477 Wollongong East NSW 2520
T 02 4221 2460 | F 02 4221 2777 | www.rmsservices.nsw.gov.au |

WATER NSW CONCURRENCE



PO Box 388, Parramatta NSW 2124
Level 14, 168 Macquarie Street
Parramatta NSW 2150
www.waternew.com.au
089 21 147 504/707

Our Ref: 17081-a1
Your Ref: DA/0330/1617

Dianne James
Senior Development Assessment Officer
Goulburn Mulwaree Council
Locked Bag 22
GOULBURN 2580

Dear Ms James

**Subject: Sydney Drinking Water Catchment SEPP
DA/0330/1617; Lot 1 DP 1094055, Lot 2 DP 1094055; 63-65 Curlewin Lane & 288
Tiyces Lane, Boxers Creek**

I refer to Council's letter received 1 June 2017 requesting the concurrence of Water NSW under Clause 11 of the State Environmental Planning Policy (Sydney Drinking Water Catchment) 2011 (the SEPP) with a proposal for a hard rock quarry and associated works. Public submission were received on 7 July 2017.

The subject property, which has been inspected by Water NSW, is located within the Warragamba catchment which forms part of Sydney's water supply.

The following documents have been considered in the assessment of this application:

- an Environmental Impact Statement prepared by Laterals Planning (dated May 2017)
- a Site Development & Landscape Plan prepared by Laterals Planning Engineering & Management
- an addendum letter (dated 23 March 2015) from Strategic Environmental Engineering Consulting to an On-Site Wastewater Management Study (dated November 2008) prepared by Laterals Environmental
- a Water Cycle Management Study and an Operational Environmental Management Plan both prepared by Strategic Environmental Engineering Consulting (dated 13 April 2017), and
- a Water Supply Review prepared by Hydroilex Pty Ltd (dated 30 January 2016).

Based on Water NSW's previous site inspections and the information provided, the proposed development has been assessed by Water NSW as being able to achieve a neutral or beneficial effect on water quality provided appropriate conditions are included in any development consent and are subsequently implemented.

Water NSW concurs with Council granting consent to the application subject to the following conditions being imposed:

General

1. The quarry layout, works and staging shall be implemented as specified in the Environmental Impact Statement (dated May 2017) prepared by Laterals Planning and shown on the Site Development & Landscape Plan (Ref. No. 1707; Sheet 1; Issue B; dated 4/5/2017) prepared by Laterals Planning Engineering & Management. No revised

layout, works or staging that will impact on water quality, shall be permitted without the prior agreement of Water NSW.

2. The extent of the actual quarry boundary shall be clearly and permanently delineated on the ground by star pickets or posts and/or fencing.

Reason for Conditions 1 & 2 – Water NSW has based its assessment under the State Environmental Planning Policy (Sydney Drinking Water Catchment) 2011 on this version of the development.

Wastewater Management

3. The on-site wastewater management shall be finalised in consultation with Water NSW.

Reason for Condition 3 – To ensure that the on-site wastewater management system is appropriately designed, located and constructed so as to have a sustainable neutral or beneficial effect on water quality over the longer term.

Stormwater Management

4. All stormwater management measures as specified in Section 5 of the Water Cycle Management Study (Ref No. 16000080-WCMS-0A; dated 13 April 2017) and as shown on the Site Layout Plan (Project No 16000080; Dwg. No. Appendix; Rev 04; dated 14/04/17) both prepared by Strategic Environmental & Engineering Consulting shall be implemented, in particular as elaborated or varied below:
 - all stormwater from the main quarry and immediate surrounds shall initially be captured in in-mine storage and then pumped to a main water quality control pond (WQCP 1) with a minimum surface area of 4000 square metres, a minimum permanent storage volume of 3900 cubic metres and minimum extended detention depth of 0.2 metres
 - all stormwater from the hardstand area, temporary construction access, ingress road and quarry haul road shall be directed via swales to a secondary water quality control pond (WQCP 2) with a minimum surface area of 525 square metres, a minimum permanent storage volume of 250 cubic metres and minimum extended detention depth of 0.3 metres
 - stormwater from half of the egress road shall be directed via table drains to an existing farm dam near Tiyces Lane that will act as a water quality control pond (WQCP 3) with a minimum surface area of 375 square metres, a minimum permanent storage volume of 300 cubic metres and minimum extended detention depth of 0.3 metres
 - water stored in water quality control ponds WQCP 1, WQCP 2 and WQCP 3 shall be used for dust suppression and/or irrigation, and
 - an area of at least 8.8 ha of the site shall be revegetated with native vegetation in accordance with a Revegetation Plan to be prepared by a person with knowledge and experience in the preparation of such plans and which shall be to the satisfaction of Council.
5. No variation to stormwater treatment or management that will impact on water quality shall be permitted without agreement of Water NSW.

Reason for Conditions 4 & 5 – To ensure that a stormwater management system is designed and managed that ensures a sustainable neutral or beneficial effect on water quality for the development as a whole over the longer term.

Access and Egress Roads to/from the Quarry

6. The access and egress roads to the quarry shall be located as shown on Site Development & Landscape Plan prepared by Laterals Planning Engineering & Management (Ref. No. 1707; Sheet 1; Issue B; dated 4/05/2017) and the Conceptual Erosion and Sediment Control Plans (Project No 16000080; Dwg. Nos. ESCP03 and ESCP04; Rev 05; dated 13/04/17) prepared by Strategic Environmental & Engineering Consulting. Any revision to the location of the roads shall be agreed to by Water NSW. The proposed access and egress roads shall be designed and constructed in accordance with the principles and guidelines in the Environmental Practices Manual for Rural Sealed and Unsealed Roads (ARRB Transport Research Ltd. 2002) and consistent with Council's specifications, and shall also incorporate the following specific requirements:
- swales or table drains, as appropriate, for its entire length with appropriately spaced cross drains, level spreaders, sills, mitre drains and/or check dams that divert water onto a stable surface capable of accepting concentrated water flow and provide for efficient sediment trapping and energy dissipation. Where the outlets of swales discharge near drainage depressions or watercourses they shall be stabilised by an energy dissipater
 - all swales, batters and verges associated with the quarry access and egress roads shall be vegetated and stabilised with bitumen and jute matting or equivalent as soon as possible after construction. In steeper areas where the slope is in excess of 8%, the swales or table drains shall be armoured with rock underlain by geotextile fabric and check dams shall be installed as appropriate, and
 - where the quarry access or egress roads cross a drainage depression, there shall be a properly engineered pipe or box culvert crossing consistent with the guidelines Environmental Practice Manual of Rural Sealed and Unsealed Roads (ARRB Transport Research Ltd., 2002).

Reason for Condition 6 - To ensure the access road and associated drainage works and water quality control measures have a minimal impact on water quality and can be maintained over the longer term.

Construction Activities

7. A Soil & Water Management Plan shall be prepared by a person with knowledge and experience in the preparation of such plans and shall be based on the Conceptual Erosion and Sediment Control Plans (Project No 16000080; Dwg. Nos. ESCP00 to ESCP05; Rev 05; dated 13/04/17) prepared by Strategic Environmental & Engineering Consulting; the requirements outlined in Volume 1 Chapter 2 of the NSW Landcom's Soils and Construction: Managing Urban Stormwater (2004) manual - the "Blue Book" and Volumes 2C Unsealed Roads and 2E - Mines & Quarries (DECC 2008)". The Plan shall be prepared prior to the commencement of construction, be to the satisfaction of Council and shall be implemented.
8. Effective erosion and sediment controls shall be installed prior to any construction activity, including earthworks for the access road. The controls must prevent sediment leaving the construction area; entering the natural drainage system and leaving the site boundaries, and shall be regularly maintained and retained until works have been completed and groundcover established.

Reason for Conditions 7 & 8 - To manage adverse environmental and water quality impacts during the construction stage of the development and to minimise the risk of erosion, sedimentation and pollution within or from the site during this construction phase.

Operational Environmental Management Plan

9. The Operational Environmental Management Plan (OEMP) prepared by Strategic Environmental & Engineering Consulting (Ref: 16000080-OEMP-05, dated 13 April 2017) shall be updated prior to the commencement of quarry operations. The OEMP shall be updated in consultation with Water NSW and be to the satisfaction of Council. The OEMP shall be implemented and shall also include the following details:
- the exact location of extraction area and associated infrastructure
 - progressive revegetation of the site as per Site Development and Landscape Plan
 - details on the location, description and nature of wastewater management systems
 - details on the location, description and nature of stormwater management systems
 - identification of the responsibilities and detailed requirements for the inspection, monitoring and maintenance of all stormwater management structures, including the frequency of such activities
 - the identification of the individuals or positions responsible for inspection and maintenance activities including a reporting protocol and hierarchy
 - procedures for managing water quality emergencies including the identification of the authorities, including Water NSW, to be notified, and
 - checklists for recording inspections and maintenance activities.

Reason for Condition 9 – To manage adverse environmental and water quality impacts during the operational phase of the development so as to ensure a neutral or beneficial impact on water quality.

Mine Rehabilitation Plan

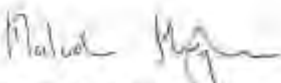
10. A Mine Rehabilitation Plan shall be prepared for the quarry that provides long-term stability to the quarry site, the access road and immediate surrounds after the completion of operational phase of the development. The mine rehabilitation measures as specified in Section 11 of the Operational Environmental Management Plan prepared by Strategic Environmental & Engineering Consulting (Version 05, dated 13 April 2017) shall form the basis of a Mine Rehabilitation Plan and shall identify the process for progressive reshaping and landscaping, topsoil replacement and revegetation of the impacted site. The Plan shall be produced within three months of commencement of operations, be to the satisfaction of Council and shall be implemented.

Reason for Condition 10 – To stabilise the site and manage potentially adverse environmental and water quality impacts in the post-operational phase of the development, so as to ensure a neutral or beneficial impact on water quality over the longer term.

Under Clause 11 of the SEPP, Council must provide Water NSW with a copy of its determination of the application within 10 days of the determination.

If you wish to discuss this matter further please contact or Miles Ellis on 9856 2502

Yours sincerely



MALCOLM HUGHES
Manager Catchment Protection

From: Miles Ellis [<mailto:Miles.Ellis@waternsw.com.au>]
Sent: Wednesday, 22 November 2017 8:42 AM
To: Council
Cc: Dianne James
Subject: RE: Da/0330/1617 - Request for additional WaterNSW input

Dianne,

We have reviewed the revised Quarry Plan and Cross Sections and the proposed change does not alter our concurrence advice issued for DA/0330/1617 dated 18 July 2017.

Miles Ellis
Catchment Assessments Officer



Level 14, 169 Macquarie St.
PO Box 398
Parramatta NSW 2124
T: 02 9865 2502 **M:** 0439 445 914
miles.ellis@waternsw.com.au
www.waternsw.com.au

**NSW DEP DIVISION OF
RESOURCES AND GEOSCIENCE
GEOLOGICAL SURVEY OF NSW**

AGENCY SUBMISSIONS



16 June 2017

Jane Wray
Customer Liaison Officer
Goulburn Mulwaree Council
Locked Bag 22
GOULBURN NSW 2580

Emailed: PlanningEnquiries@goulburn.nsw.gov.au

Your Reference: SEAR ID No. 1139
Our Reference: OUT17/23548

Dear Ms Wray,

**Re: Request for Secretary's Environmental Assessment Requirements
Proposal – Argyle Quarry**

Thank you for the opportunity to provide advice on the subject proposal. This is a response from NSW Department of Planning & Environment – Division of Resources & Geoscience, Geological Survey of New South Wales (GSNSW).

The building and construction industries in NSW require ongoing replacement of supplies as sources are exhausted. The development of new quarries, subject to environmental assessment, helps to ensure a continued supply of material for a range of building and construction uses in NSW.

It is in the best interests of both the proponent and the community to fully assess the resources which are to be extracted. This means that a thorough geological assessment should be undertaken to determine the nature, quality and extent of the resource. Failure to undertake such an assessment could lead to operational problems and possibly even failure of the proposal.

Basalt is not a prescribed mineral under the *Mining Act 1992*. Therefore, the Department has no statutory role in authorising or regulating the extraction of this commodity, apart from its role under the *Work Health and Safety Act 2011* and associated regulations and the *Work Health and Safety (Mine and Petroleum Sites) Act 2013* and associated regulations, for ensuring the safe operation of mines and quarries. However, the Department is the principal government authority responsible for assessing the State's resources of construction materials and for advising State and local government on their planning and management.

NSW Department of Planning and Environment
DIVISION of RESOURCES & GEOSCIENCE
PO Box 344 Hunter Region Mail Centre NSW 2310
Tel: 02 4931 6666 Fax: 02 4931 6726
ABN 38 755 709 681

All environmental reports (EIS or similar) accompanying Development Applications for extractive industry lodged under the *Environmental Planning & Assessment Act 1979* should include a resource assessment (as detailed in Attachment A) which:

- Documents the size and quality of the resource and demonstrates that both have been adequately assessed; and
- Documents the methods used to assess the resource and its suitability for the intended applications.

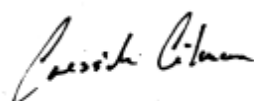
The above information should be summarised in the EIS, with full documentation appended. If deemed commercial-in-confidence, the resource assessment summary included in the EIS should commit to providing DRE with full resource assessment documentation separately. Applications to modify, expand, extend or intensify an existing consent that has already been adequately reported using the above protocol in publicly available documents, may restrict detailed documentation to the additional resources to be used, if accompanied by a summary of past resource assessments and of past production.

DRG collects data on the quantity of construction materials produced annually throughout the State. Forms are sent to all operating quarries at the end of each financial year for this purpose. The statistical data collected is of great value to Government and industry in planning and resource management, particularly as a basis for analysing trends in production and for estimating future demand for particular commodities or in particular regions. Production data may be published in aggregated form, however production data for individual operations is kept strictly confidential.

In order to assist in the collection of construction material production data, the proponent should be required to provide annual production data for the subject site to the NSW Division of Resources and Geoscience as a condition of any new or amended development consent.

Queries regarding the above information, and future requests for advice in relation to this matter, should be directed to the Division of Resources & Geoscience – Geological Survey of New South Wales Land Use team at landuse.minerals@industry.nsw.gov.au.

Yours sincerely



Cressida Gilmore
Team Leader Land Use

Encl. Attachments "A"



ATTACHMENT A

**NSW Department of Planning & Environment
RESOURCES & GEOSCIENCE DIVISION**

**ENVIRONMENTAL and WORK HEALTH & SAFETY
ASSESSMENT REQUIREMENTS FOR
CONSTRUCTION MATERIAL QUARRY PROPOSALS**

It is in the best interests of both the proponent and the community to fully assess the resources which are to be extracted. This means that a thorough geological assessment should be undertaken to determine the nature, quality and extent of the resource. Failure to undertake such an assessment could lead to operational problems and possibly even failure of the proposal.

The following issues need to be addressed when preparing an environmental assessment (EA) or environmental impact statement (EIS) for a proposed construction materials (extractive materials) quarry:

Resource Assessment

1. A summary of the regional and local geology including information on the stratigraphic unit or units within which the resource is located.
2. The amount of material to be extracted and the method or methods used to determine the size of the resource (e.g. drilling, trenching, geophysical methods). Plans and cross-sections summarising this data, at a standard scale, showing location of drillholes and/or trenches, and the area proposed for extraction, should be included in the EA or EIS. Relevant supporting documentation such as drill logs should be included or appended. Major resource proposals should be subject to extensive drilling programs to identify the nature and extent of the resource.
3. Characteristics of the material or materials to be produced:
 - a) For structural clay/shale extraction proposals, ceramic properties such as plasticity, drying characteristics (e.g. dry green strength, linear drying shrinkage), and firing characteristics (e.g. shrinkage, water absorption, fired colour) should be described.
 - b) For sand extraction proposals, properties such as composition, grain size, grading, clay content and contaminants should be indicated. The inclusion of indicative grading curves for all anticipated products as well as the overall deposit is recommended.
 - c) For hard rock aggregate proposals, information should be provided on properties such as grain size and mineralogy, nature and extent of weathering or alteration, and amount and type of deleterious minerals, if any.
 - d) For other proposals, properties relevant to the range of intended uses for the particular material should be indicated.

Details of tests carried out to determine the characteristics of the material should be included or appended. Such tests should be undertaken by NATA registered testing laboratories.

4. An assessment of the quality of the material and its suitability for the anticipated range of applications should be given.
5. The amount of material anticipated to be produced annually should be indicated. If the proposal includes a staged extraction sequence, details of the staging sequence needs to be provided. The intended life of the operation should be indicated.
6. If the proposal is an extension to an existing operation, details of history and past production should be provided.
7. An assessment of alternative sources to the proposal and the availability of these sources. The impact of not proceeding with the proposal should be addressed.
8. Justification for the proposal in terms of the local and, if appropriate, the regional context.
9. Information on the location and size of markets to be supplied from the site.
10. Route(s) used to transport quarry products to market.
11. Disposal of waste products and the location and size of stockpiles.
12. Assessment of noise, vibration, dust and visual impacts, and proposed measures to minimise these impacts.
13. Proposed rehabilitation procedures during, and after completion of, extraction operations, and proposed final use of site.
14. Assessment of the ecological sustainability of the proposal.

Health and Safety Issues

In relation to the health and safety of mining and quarrying operations, the following must be addressed:

1. All mining operations are to comply with the following legislation:
 - a. *Work Health and Safety Act 2011*
 - b. *Work Health and Safety Regulation 2011*
 - c. *Work Health and Safety (Mine and Petroleum Sites) Act 2013*
 - d. *Work Health and Safety (Mine and Petroleum Sites) Regulation 2014*
 - e. *Explosives Act 2003*
 - f. *Explosives Regulation 2013.*
2. | The mine holder must appoint a mine operator and notify the Department in writing as required by clause 7 of the *Work Health and Safety (Mines and Petroleum Sites) Regulation 2014* before commencing any mining operations.

3. Other duties and notification and reporting requirements exist under the WHS laws
| and duty holders must ensure they understand and comply with these requirements.

Mineral Ownership

The *Mining Act 1992* applies to those commodities prescribed by the regulations of the Act (Schedule 2, *Mining Regulation 2016*). Most construction materials are not prescribed minerals under the *Mining Act 1992*. In general terms, this means these materials are owned by the Crown where they occur on Crown land and by the landowner in the case of freehold land. A Mining Title is not required for their extraction although a Crown Lands licence is required where they occur on Crown land.

Construction materials such as *sand (other than marine aggregate), loam, river gravel, and coarse aggregate materials such as basalt, sandstone, and granite* are not prescribed minerals under the *Mining Act 1992*. Therefore, NSW Department of Planning & Environment – Division of Resources & Geoscience has no statutory responsibility for authorising or regulating the extraction of these commodities, apart from its role under the WHS laws with respect to the safe operation of mines and quarries. However, the Department is the principal government authority responsible for assessing the State's resources of construction materials and for advising State and local government on their planning and management.

Some commodities, notably *structural clay (ie clay for brick, tile and pipe manufacture), dimension stone (except for sandstone), quartzite, kaolin, limestone and marine aggregate* are prescribed minerals under the *Mining Act 1992*. Minerals which are prescribed as minerals under the terms of the Mining Act may, in some cases belong either to the Crown or to an individual, depending on a number of factors including the date on which the mineral was proclaimed and the date of alienation of the land.

The proponent needs to determine whether the material is privately owned or Crown mineral (publicly owned). If it is privately owned, then either a mining lease or mining (mineral owner) lease would be required. If it is a Crown mineral, an application for a mining lease will have to be lodged.

If you are unsure whether a mining title is required for your proposal you should contact NSW Department of Planning & Environment, Division of Resources & Geoscience – Geological Survey of New South Wales.

From: Erin Foate [<mailto:erin.foate@industry.nsw.gov.au>]
Sent: Friday, 16 June 2017 1:18 PM
To: PlanningEnquiries <PlanningEnquiries@goulburn.nsw.gov.au>
Cc: Mineral Resources <landuse.minerals@industry.nsw.gov.au>
Subject: SEARs ID No: 1139 - Argyle Quarry - DA/0330/1617 - Goulburn Mulwaree LGA - GSNSW response

Hi Jane,

Please find attached a response from the Geological Survey of New South Wales (GSNSW) regarding the SEARs for Argyle Quarry (SEARs ID No: 1139, DA/0330/1617 at Goulburn Mulwaree LGA.

Queries regarding the above information, and future requests for advice in relation to this matter should be directed to the GSNSW Land Use team at landuse.minerals@industry.nsw.gov.au.

Regards,

Erin Foate

Geoscientist | Minerals and Land Use Assessment | Geological Survey of New South Wales

Division of Resources and Geoscience

516 High Street | Maitland NSW 2320 | PO Box 344 | Hunter Region Mail Centre NSW 2310

T: (02) 4931 6692 E: erin.foate@industry.nsw.gov.au

**DEPT. OF PRIMARY INDUSTRIES
FISHERIES SUBMISSION**

From: Jillian Reynolds [<mailto:jillian.reynolds@dpi.nsw.gov.au>]
Sent: Monday, 19 June 2017 11:51 AM
To: PlanningEnquiries
Cc: Allan Lugg
Subject: Doc 914778 Re: FW: Dept. of Primary Industries Fisheries Referral DA/0330/1617 - Argyle Quarry - 288 Tiyces Lane, Boxers Creek

ATTENTION: Diane James.

Dear Diane,

Thank you for referring DA0330/1617 - Argyle Quarry to DPI Fisheries for review and comment.

Waterways located within the site boundaries are first order streams, none of which will be directly impacted by the proposal. Although there is the potential for impacts to water quality as a result of the proposal, we believe that this risk will be adequately addressed by the full implementation of the identified mitigation measures.

As the proposal will not result in dredging or reclamation or direct impacts to a 3rd order waterway DPI Fisheries does not consider that the Integrated Development provision has been triggered, and have no objections to Council granting Development Approval.

We appreciate your considering us in this matter.

Regards,

Jillian

Jillian Reynolds | Fisheries Manager

NSW Department of Primary Industries | Aquatic Ecosystems

4 Woollamia Road | PO Box 97 | Huskisson NSW 2540

T: 02 4428 3406 | M: 0429 918 575 | F: 02 4441 8961 | E: jillian.reynolds@dpi.nsw.gov.au

W: www.dpi.nsw.gov.au/fisheries

Conserve, Share, Provide

On 1 June 2017 at 10:03, <ahp.central@dpi.nsw.gov.au> wrote:

DEPT. PRIMARY INDUSTRIES AGRICULTURE SUBMISSION

From: Wendy Goodburn [mailto:wendy.goodburn@dpi.nsw.gov.au]
Sent: Wednesday, 28 June 2017 12:26 PM
To: Dianne James
Subject: DA/0330/1617 - Argyle Quarry - 288 Tiyces Lane, Boxers Creek - DPI Comments

Hi Dianne,

Thank you for referring the Tiyces Lane development application to NSW DPI for comments, received by email from Jane Wray on 31 May 2017.

I am advising that NSW DPI (Agriculture) has reviewed the documents provided and has assessed that there will be no impacts on agriculture. Comments in relation to egress and ingress from the Hume Highway to the proposed development will need to take the need for efficient access for agricultural businesses into account. As discussed with you recently, those issues have already been raised by the surrounding residents. There are no other comments in relation to the proposed amended information.

Kind regards

Wendy

--

Wendy Goodburn | Agricultural Resource Management Officer
Department of Primary Industries | Agriculture NSW
PO Box 389 | 159 Auburn Street | Goulburn NSW 2580
T: 02 4824 3736 | F: 02 4828 6610 | M: 0402 069 605
E: wendy.goodburn@dpi.nsw.gov.au
W: www.trade.nsw.gov.au www.dpi.nsw.gov.au

"Plan- Resource -Grow"

Building thriving, sustainable Agriculture for tomorrow's communities

Please note:

Land use planning information and guidelines are available at:
<http://www.dpi.nsw.gov.au/agriculture/resources/lup>