



Goulburn Mulwaree Council
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Contact: Scott Martin

Nagindar Singh
Senior Environmental Assessment Officer
Department of Planning, Industry and Environment
GPO Box 39
Sydney NSW 2001

Dear Nagindar

Subject: Gunlake Quarry Continuation Project (SSD-12469087)

In relation to recent requests for clarification on comments that Council has made in relation to the Submissions Report, I can advise the following:

Haulage Route

Council does not accept the method submitted by Gunlake to identify remaining pavement life along the haulage route. Council requires an assessment carried out by an independent geotechnical engineer that considers the following to make an assessment on the remaining pavement life:

- available geotechnical information and reports carried out to date;
- assessment of the maintenance history of the haulage route;
- assessment of the current condition of the haulage route;
- identification of additional testing (if required); and
- design traffic volumes and pavement structural requirements at maximum quarry output.

While this assessment is to be carried out by an independent geotechnical engineer or consultant, both Council and Gunlake should agree on the engagement brief for this work, noting both parties will have to provide data and reports for the assessment.

Goulburn Mulwaree Council does not accept the falling weight deflectometer method as a reliable or accurate indicator of the remaining pavement life. This conclusion has been reached from previous experience with this method where a similar report indicated a pavement life of 15 years with the pavement to comprehensively fail only several years later. This method can avoid the multidimensional factors experienced along a haulage route. Further, pavement modifications over recent years will not be accurately reflected with this method.

As an alternative to this method Council requires an assessment by an experienced geotechnical engineer to consider a broader array of factors to achieve a more robust determination of the pavement life. The factors listed below are considered as a minimum to achieve a pavement that will be adequate for long term loading generated by the development:

- available geotechnical information and reports carried out to date;
- identification of additional testing to inform current lateral and transverse pavement conditions;
- assessment of the maintenance history of the haulage route;
- assessment of the non-homogenous pavement composition;
- assessment of the current condition of the haulage route;
- assessment of the adequacy of pavement drainage in the cuttings; and
- design traffic volumes and pavement structural requirements at maximum quarry output over the life of the approval.

Prior to this work taking place it is imperative that both Council and Gunlake develop an engagement brief in consultation with one another that addresses the above points to achieve a robust and durable pavement configuration for the life of the development.

7.11 Development Contributions

Council can advise that agreement has not been reached in relation to the contribution rate. The current adopted rate (as reflected in Council's fees and charges for 2022/23) is \$0.05310. Any departure from this must be subject to a Planning Agreement, to which Council is not in receipt of a Letter of Offer.

Council is of the view that the previous Deed of Agreement executed in May 2009 and relating to the original Gunlake approval (MP 07-0074) has been terminated. This is due to the project having been subjected to a series of new consents and modifications that have in effect, altered the substance of the original consent.

On-Site Sewage Management

Council notes concerns raised by Water NSW in relation to the adequacy of the existing on-site sewage management system. Upon review of Council's records, the following information is provided:

- It was designed and installed as a traditional septic system with absorption trench and capacity for 25 people @30L/per person per day.
- Daily flows of up to 750L per day.
- Tank capacity is 6000L.
- Absorption trench is either 100m² or 83m², however it is unclear which option from the wastewater report was installed/constructed.
- An inspection was carried out on 1 March 2010 which appears to align with its installation.
- There is currently no approval to operate held on record.

If you require any further information, please contact me on (02) 4823 4480.

Yours sincerely



Scott Martin
Director Planning & Environment