



12th December 2018

Mr Jason Whiteaker

Chief Executive Officer

Shire of Northam

By Email: records@northam.wa.gov.au

Dear Mr Whiteaker

Re: Proposed Quarry at Lot 150 (792) Clydesdale Road, Grass Valley

Given the recent multiple changes to the original submission for the previously mentioned quarry, we have set out below variations as changed and agreed with the Shire of Northam.

They are:

- Haulage Route Change. The original route to the GEH was West along Clydesdale Rd, left into Jennapullin Rd and Keane St, before turning right into Vivian St then onto the highway. Since then we have agreed to access the GEH by turning left into Clydesdale Rd, then travelling East for 2.8km before turning right into Watson Rd then on to the highway. In this manner we have averted any issues which may have arisen by the trucks travelling through the township.
- School Bus Hours. The hours for delivery vehicles travelling to and from the quarry have been adjusted to between 8.30am at the earliest, to 3pm at the latest. This decision was taken to allow for clear passage of the school bus's in the mornings and afternoon.
- Truck Configuration changes. The original truck types proposed were of B-double and B-triple configuration carrying a legal capacity of 87 tonnes over the approved RAV2 route through Grass Valley township. Given the new Watson Rd route allows trucks of <19 metres it is now proposed to use a truck and dog configuration. These trucks carry a maximum of 41 tonnes. As such the reduction in truck length is 8 metres with a lower tonnage of 46 tonne on the roadways which is comparable to the many vehicles currently using the same route.
- Reduction in Volume. The original proposal indicated sales volume of 150,000 p.a. Since that submission date market information obtained recently indicates that sales will lower than first anticipated. We therefore advise that the maximum amount of sales will now be 75,000tn p.a. The end result of this reduction equates to a shorter crushing period and reduced truck movements.



- Crushing Period. Due to concerns raised regarding the predominant East winds during Summer, we now propose to only crush aggregates during the window of April through to the end of November. It is still anticipated that crushing will still take 3-4 months each year somewhere in that April-November window. An additional gain from operating in this manner is that during the cooler months we will be working with damp material which further assists in the control of dust.
- Truck Movement Reduction. It is now proposed to reduce the truck movements from 50 per day to 28 – a reduction of 47%. This is brought about by the sales reduction from 150,000tn to 75,000tn p.a.
- Health Assessment. In line with expert advice received recently it is proposed that Resource Group will undertake a health assessment once the operation is producing and the various tests required can be performed. Upon completion this report will be made available to the Shire of Northam.
- GEH Access. It is understood by Resource Group that it is totally responsible for the modifications required by MRDWA to the left turn into Watson Rd when coming from Perth. This modification will be made in line with MRDWA specifications.
- Watson Rd Upgrade. Additionally it is understood and accepted that Resource Group will pay for the upgrade required for Watson Road in line with discussions held recently.

Sincerely yours,

THE RESOURCE GROUP

Tony Nicholson

Director

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