

TRANSPORT

There will be two types of trucking combinations transporting sand to customers in Cambridge and across the Waikato and Bay of Plenty.

Trucks will provide sand to new developments in Cambridge, with larger truck and trailer units heading out of town to service customers further afield.

WHERE IS THE SAND NEEDED?

A lot of the sand will be used right here in Cambridge. This means trucks won't have to travel far, reducing CO2 emissions and reducing wear on our roads. The cost of sand and aggregate doubles every 30 km it is transported, therefore keeping aggregate local will help to keep the costs down to customers, including ratepayers and taxpayers.

It's important to note that these truck movements will be on Cambridge's roads whether they come from the proposed Newcombe Road Sand quarry, or another sand quarry.

HOW MANY TRUCKS CAN WE EXPECT?

We have undertaken traffic modelling for an absolute maximum daily limit of 200 truckloads, however this is highly unlikely. On an average day, we expect between 75 and 110 truckloads exiting the proposed Newcombe Road Sand site.

Let's take 110 trucks as an example, numbers are approximate based on likely customer locations:

- 4 will likely head north on Old State Highway 1 (3.8%)
- 7 will likely head north towards State Highway 1B (6.3%)
- 2 will likely head west towards Te Awamutu (2.2%)
- 26 will likely service developments in Cambridge North, e.g.
 C2, C3 and C1 growth cells (23.5%)
- 22 will likely service developments in Learnington/Cambridge South (19.7%)
- 49 will likely head south on State Highway 1 (44.6%), half of which will use turn arounds or roundabouts to access the expressway to travel North.

It's important to note that local market demand for sand will still be required due to the high growth currently happening in Cambridge, regardless of who provides it and where it is transported from.

The proposed Newcombe Road Sand site will be ideally located to meet this local demand.





WHAT ROUTES WILL TRUCKS TAKE?

Our Journey Management Plan will recommend use of main arterial routes wherever possible. Truck routes for local demand will largely depend on the location of the customers site and would be used whether the sand came from Newcombe Road or elsewhere. Out-of-town customers are likely to want to access the flat freeflowing State Highways and we will encourage them to head south, turn around at suitable areas and then travel north along the Waikato Expressway.

As a responsible neighbour, Newcombe Road Sand will contribute to the upkeep of Newcombe Road and the road network determined by Waipā District Council's resource consent for the duration of the quarrying activity.

