

AIR QUALITY

The proposed site at Newcombe Road Sand will be a high-quality sand extraction and processing operation, servicing the local Waikato and Bay of Plenty construction sector. Newcombe Road Sand will operate as a wet process to keep dust at a minimum.

DUST SUPPRESSION

Dust suppression systems will be in place at active areas of the pit, roadways and stockpiles to dampen down and mitigate nuisance dust at the source.

A weather monitoring station will also be on site to provide real-time wind, temperature and moisture data for the management of these systems, ensuring dampening down occurs only when required, to conserve energy and water.

WET PROCESS

Water will be pumped from a bore within the property and processing of the sand and dust control in the pit area. Following processing, the water will be collected in settling ponds and reused.

Water loss to end product, percolation or evaporation will be topped up from the bore. Because the sand processing is a wet process, and the stockpiling and loadout area will be wet from water discharged from the plant there is little potential for generation of dust.

WHEEL WASH

A wheel wash will be located before the quarry exit to wash truck tyres prior to them exiting the quarry and water to dampen down loads will be available. Speeds on internal roads will also be kept to a minimum to minimise any dust generation.

This is a standard process across Stevenson quarries to help mitigate dust as a result of truck and vehicle movements.

