



# Bega to Yellow Pinch Dam Water Transfer Pipeline - Noise and Vibration Impacts

The Bega to Yellow Pinch Dam Water Transfer Pipeline is being developed by the NSW Department of Commerce, in collaboration with Bega Valley Shire Council. A noise assessment has been carried out to understand the potential to affect residents near works areas.

## Residential Values

The pipeline route is surrounded by rural residential lots, with the majority of houses located a substantial distance from the pipeline. However the pipeline route would also pass close to suburban residential lots along Bega Street in the village of Wolumla as well as in Bega.

## Potential Impacts

Increased noise would occur during the excavation and installation of the pipeline. Increased traffic noise and some blasting may also occur.

The NSW Environmental Criteria for Road Traffic Noise was used to assess potential traffic noise increases. Approximately 20 additional truck movements per day would be required during construction. The Roads and Traffic Authority (RTA) daily traffic estimates for this section of the Princes Highway is 3750 vehicles a day, therefore the predicted traffic increase would have a small effect on current noise levels.

According to a noise assessment conducted by Renzo Tonin and Associates Pty Ltd, a predicted worse case scenario for noise levels during construction could exceed Environment Noise Control Manual (ENCM) guidelines. There would also be some operational noise associated with the operation of the pipeline, attributed to the operation of the pump station at the South Bega Reservoir.

## Measures to reduce impacts

Measures would be put in place to minimise the impact of noise. These include:

- Well maintained machines and noise control kits fitted to ensure noise compliance.
- Construction activities restricted to 7am-5pm, Monday to Friday and 7am-1pm on Saturdays. Work would not occur on Sundays or public holidays.
- Time restrictions would be placed on activities where prescribed noise levels are exceeded.



- A contact number would be set up so that members of the community most affected by the noise can communicate with the contractors.
- Vibration monitoring would be carried out at all critical and sensitive locations.

