

2 Managing the effects of construction

We actively mitigate the impact of construction activities on people and the environment.

Managing noise and dust

Where the proposed route is close to houses, people may be affected by noise and dust from construction.

We will take the following steps to limit these effects on people and their homes:

- Water spraying on site and on access roads to dampen down dust from earthworks
- Wash truck wheels and cover loads to prevent dust formation
- Stabilising exposed areas including through rolling, mulch and planting
- Careful management of equipment and working areas, and construction traffic activity
- Temporary noise barriers and muffling of otherwise noisy machines
- Considerate construction equipment choices
- Managing hours of work including daily start up and close down procedures
- Keeping property owners informed.

A construction environmental management plan will be in place to manage environmental impacts. This plan will outline the steps that construction teams need to follow, and include methods for monitoring, reviewing, and making corrections as needed.

Vibration control

Vibration monitors will be used to measure construction effects on properties near to the work sites. The monitors will trigger if any activity breaches permitted levels and we will take action immediately.

Erosion and sediment control

Before construction starts, we will install devices to reduce and catch sediment runoff from earthworks areas before it can reach a stream or river. These devices typically remove 85% of sedimentation from water before discharging to a stream/river.

Construction methods, including stabilising earthworks, are used to reduce sedimentation.

Maintaining community connections

Road works have the potential to cause some disruption to the travelling public. We will implement effective traffic management plans to ensure people are not delayed by construction. We aim to minimise the use of residential areas for site access whenever possible. Ensuring pedestrian access will be a priority. We may work six days a week, including Saturdays. Our goal is to minimise disruption during peak times to reduce the impact on daily commutes and school runs.

While we strive to reduce delays to your journeys, it may not always be possible. We appreciate your patience and understanding during this period.

