

Our approach

Our approach has been designed to reduce the impact of our operations on the environment and near neighbours. It has been shaped by the findings of an Environmental Impact Assessment (EIA), which identifies possible impacts and how they can be mitigated. The EIA covers a wide range of topics, including:

Ecology

Heidelberg Materials has committed to allocating at least 15% of all active quarry sites for Space for Nature by 2030. Our plans are guided by this and aim to enhance fauna and flora, including protecting and enhancing wildlife corridors, translocating hedgerows where possible, and planting new woodland, hedgerows and wildflower banks.

Blasting and ground vibration

The UK has very strict regulations controlling blasting, with modern blasting and drilling techniques designed to minimise vibration and air over pressure. Tytherington quarry already complies with these strict blasting protocols in its existing permission, and this means that there is no risk to people or property.

Our specialist modelling indicates that excavating at deeper levels in Woodleaze, and in the former soil store, will not impact on how blasts are experienced by our near neighbours.

Dust

The potential dust effects from quarries are well understood and are already tightly managed via stringent regulatory controls. These controls will remain in place.

Noise

The topography of the area around Tytherington quarry, the creation of additional screening bunds, plus the augmentation of existing bunds, means operational noise will continue to be well within the recommended limits at key receptor locations.

Ground and surface water management

No significant effects are anticipated in relation to the management of the water environment.

Protecting views

Views into the quarry are limited and our proposed mitigation measures are designed to retain and enhance the character of the local landscape. We'll reshape and revegetate the new screening bunds and quarry standoff areas to further screen our operations from nearby properties and users of Public Rights of Way.

Traffic and transport

These proposals are about sustaining existing supplies of limestone from Tytherington quarry. This means there will be no change to the current volumes of HGV traffic, nor on the aggregate volumes transported by rail.

Restoration

Restoration is a key part of our mineral operations, and we are well known for delivering exemplar schemes.

The approved restoration principles for Tytherington remains unchanged, with worked-out parts of the site restored while extraction continues elsewhere in the quarry. This progressive approach will see the quarry restored to a deep-water body with a mix of woodland and grassland habitat on the upper benches.

