Noise & Pollution

East Hemel is located close to the M1 motorway. To address this, we have developed a number of strategies for air quality and acoustics to address and mitigate against any associated risks.

Acoustic mitigation

An acoustic mitigation strategy seeks to ensure that noise sensitive areas of the development, such as where schools and houses will be, are protected from traffic noise on the M1 motorway and joining A-roads.

A north-south noise bund with an acoustic barrier is proposed along the M1, to the east of the site, to protect East Hemel from noise and pollution, creating a green buffer which will also visually screen the motorway from the new development, and vice versa.



Air quality strategy

Following guidance from the Department for Environment, Food and Rural Affairs, the development at East Hemel will be offset by at least 55 metres from the M1/A414. When combined with the effect of the noise bund and supporting vegetation and planting, we have been able to demonstrate that acceptable air quality levels can be achieved at more sensitive locations.

Acoustic analysis



THE CROWN CLOCKED ESTATE

East Hemel