

## **Dust Impact Risk Assessment**

The dust impact assessment has been carried out using the evaluation process set out by the Institute of Air Quality Management (IAQM) in their 2014 Guidance on the Assessment of dust from demolition and construction document.

Using this process each activity that will be carried out has been evaluated; demolition, earthworks, construction and trackout.

Each of these activities was evaluated based on the impact they had on Dust Soiling (people and property), Human Health Impacts and Environmental Impacts.

Due to the number of residential properties in the area (high receptor sensitivity), <100 within 50m. Dust Soiling with regards to people and property has a sensitivity level of medium.

Human Health Impacts are considered to have a sensitivity level of low in this area due to the quality of the air being <24 µg/m<sup>3</sup> with <100 residential properties within 50m.

Environmental impacts also have a sensitivity level of low due to the lack of environmental sites within 50m of the site.

These Sensitivity levels coupled with a low dust emission magnitude for all aspects of the work due to there being no demolition taking place, extremely low amounts of earthworks (2 trenches to be dug and poured concrete foundations, construction is traditionally built block and brick cavity walls, timber frame pitched roof with prefabricated windows so dust emissions will be low and finally due to the site being small and low emission works being carried out the trackout emissions will also be low.

Using the tables supplied in the 2014 Guidance on the Assessment of dust from demolition and construction document this shows that the risk level for each stage of the build is the same: Negligible.

As such no mitigation is required with regards to dust impact management.