

Glentress Trail Centre

The Airshed was appointed by Forest Holidays, who work in partnership with the Forestry Commission, to conduct an air quality impact assessment for 56 new timber cabins at Glentress Forest, near Peebles. The cabins will have log burners and therefore Scottish Borders Council required the assessment to ensure that emissions from the wood fired stoves would not affect local air quality.

A computer based dispersion model (ADMS 5) was used to predict emissions using five years of hourly sequential meteorological data from two separate meteorological stations. A model sensitivity analysis was conducted to assess the significance of meteorological variability, terrain effects and surface roughness. The worst case one year of meteorological data was used to predict air quality impacts. Impacts were assessed in accordance with the non-statutory guidance published by the Institute of Air Quality Management (IAQM) and Environmental Protection UK (EPUK).

The emissions from the proposed development were predicted to comply with the Scottish Air Quality Objectives for particles with negligible impacts.

