



**Noise assessment for a proposed
kennel development at Cliffe Kennels, Barnsley
Road, Hoylandswaine, Barnsley**

Date of report

17 December 2010

Report reference

B/JHU/167/10

the NOISE consultancy ltd • planning specialists

Jean Wood House • Dayer Lane • Halmfirth • West Yorkshire HD9 2RD • tel/fax: 01404 6811
email: info@thenoiseconsultancy.co.uk

Registered in England No 5116526

1 Introduction

The Noise Consultancy has been commissioned to carry out a noise impact assessment for additional 24 kennels at the Cliffe Kennels, Bamsley Road, Hoylandswaine, South Yorkshire.

The Local Planning Authority has requested that details be provided of how potential for noise disturbance from the proposed kennels will be mitigated. The assessment considers the potential impact of noise from the proposed boarding kennels on the noise sensitive properties in the area.

2 Site Description

The development site is in a rural location at Cliffe Kennels, Bamsley Road, Hoylandswaine, Bamsley. Cliffe Kennels is an existing well-established boarding kennels with kennelling for 155 dogs. Located 100m off the A628 Bamsley Road it lies in an elevated position some 210m from the nearest noise sensitive premises at Hoylandswaine to the north. The only other noise sensitive premises in the area are at the Churchfield Veterinary Centre on the roundabout to the south of the site and Willow Lodge which lies on the A629 Halifax Road some 300m to the west.

The proposal is to erect a building on the site to the south east of the existing kennel complex to provide kennelling for 24 dogs. The proposed kennels will lie alongside the existing stray block which is screened from the dwellings to the north by the natural topography of the area. The existing stray block is located at a lower level than the rescue and boarding kennels. An assessment of the site with regard to noise from existing operations was carried out on Friday 17 December 2010. The kennels were busy with 4 people coming to the kennels within 30 minutes. It was observed that the dogs housed in the existing kennels barked when they were disturbed by people entering the kennels but the barking was not audible 200m from the premises.

Weather conditions were calm, dry, sunny and very cold.

4 Noise mitigation measures

(i) Kennel Construction

The proposed kennels are to be purpose-built and the location, layout and orientation of the kennels have been designed to minimise noise breakout. The building will be a block cavity construction with 100mm cavity, containing 50mm Kingspan and 7mm internal render. This construction will give a sound insulation in the order of 50dB $D_{nT,w}$ (from BS8233: Sound insulation and noise reduction of buildings) . There will be no outdoor areas to the kennels.

The building will have a typical roof construction of plasterboard ceiling with plaster skim and tiled roof with thermal insulation quilt. Natural lighting will be provided through double glazed velux windows set in the roof and external doors are to be UPVC construction.

(ii) Location

The proposed kennels will lie along side the existing stray block which is screened from the dwellings to the north by the natural topography of the area hence maximising the natural sound attenuation afforded by the setting.

(iii) Use of Kennels

The kennels will be used to house stray dogs and it will be necessary on occasions to deliver dogs during the night. The kennels have been designed to ensure disturbance of the other dogs is minimised. They are located some distance from the existing kennels and a separate means of access is to be provided to these kennels to ensure any dogs in the boarding or rescue blocks are not disturbed at night.

5 Conclusion

An assessment has been carried out of potential for noise impact of a proposed development for a new kennel building at Cliffe Kennels, Hoylandswaine, Barnsley. The assessment shows that with careful siting using the natural topography, good construction and good management of the kennel the proposed additionally kennelling would not have an adverse impact on the amenity of residents living in the area. There are no reasons on noise grounds why the development should not go ahead.