

Noise Advice Report

Clix and Trix

Dog Training Ground

and Dog Garden

Status: Complete – For Distribution

Authors: John Lawrence & Thomas Lawrence

Revision Number: 0

Issue Date: 13/07/2018

Contents

INTRODUCTION	3
EXECUTIVE OVERVIEW	3
SITE SETUP	5
RECEPTOR POINTS	5
EQUIPMENT	5
METHODOLOGY	6
MEASUREMENTS	7
RECEPTOR POINT A	7
RECEPTOR POINT B	7
COMPETENCY OF AUTHOR	7

Introduction

Clix and Trix have been required by the local planning authority to enter a planning application for the continuation of use of the land at The Windmill Shopping Village, Yapton Road, Barnham, Bognor Regis PO22 0BD as an enclosed dog garden and training area hired out to pet owners. The continuation planning application requirement has been instigated due to complaints in respect of 'excessive' noise emanating from the premises.

Executive Overview

Tennyson Suite Limited has been appointed to attend site, take Stage II noise level readings of the ambient noise levels at boundaries adjoining properties, at source of the noise, (being dog/puppy barking in the garden), at the boundaries adjoining nearby properties, hereinafter referred to as Receptor Points, over an initial 2-hour period. The data collected from the noise level readings shall be presented by Clix and Trix as part of the submission to the local planning authority for continuation of the land in its present use.

It is understood that on initial application at the commencement of the business use, the owner of Clix and Trix was advised by representation of the local planning authority that an application at that time was not required.

The noise level readings were taken over a representative period on the 9th July 2018 covering a period when the dog garden was not in use and 2 representative sessions held by Clix and Trix.

Session One – Doggy Day Care – 10.00 to 11.00

The doggy day care session provides the external pet carer an opportunity to exercise the dogs in her care in the secure and safe environment of the garden without risk of harm coming to owners' pets from external influences.

Session Two – 11.00 to 12.00

The puppy socialising class held for a period of one hour enables owners to allow their puppies to socialise within a secure garden happy in the knowledge that their pets are free from harm by external influences.

The secure and safe environment afforded to pet owners and dog handlers by Clix and Trix provides a valuable service to the local community. The area is strictly managed and controlled by rules placed upon those persons private and commercial who rent the garden.

The noise meter readings taken during the initial visit to the premises recording dB(A) ambient noise levels and A weighted slow maximum sound levels of the dogs barking at 1m from the source as well as receptor points, adjacent to adjoining properties shows demonstrates that contrary to noise complaints received by the owner, the noise recorded over the initial session were not excessive and recorded below the first action level for workers.

In line with BS 5228:1/Section 6 – Noise on construction sites and open sites, where the standard refers to the effects of noise on noise-sensitive premises, the readings taken have been considered with the standard and the majority fall below, (with the exception of 2.5% of the readings taken), (see data table), the following guidelines for noise levels in rural areas of 70 decibels.

(Reference: BS5228:1 – E.2 p.118)

It is also worth mentioning that the hours in which the garden operates also falls within the guidance of BS 5228:1 and the Government guidance; the time zones of between 08.00 and 18.00.

In summary, the premises provides a key service to the local community ensuring the security and safety of owners pets in a controlled environment which is well managed and which poses negligible nuisance by way of noise to local residents in line with the standards and criteria set in the British Standard document BS 5228:1 Part 6.

Site Setup

Receptor Points

Receptor Points have been identified on the aerial photo below, showing where the readings were taken, these points are noted in blue dots and the dashed red line denotes the boundary of the Clix and Trix Dog Garden.



These Receptor points have been chosen due to their proximity to neighbouring residential properties.

Equipment

Brüel & Kjær 2238 sound level meter.

https://www.upc.edu/sct/documents_equipament/d_234_id-721.pdf

Methodology

Noise measuring equipment can be used to take measurements unattended with analysis of the data offsite but due to the unpredictability of the noise sources and the time constraints, we have taken attended measurements over a 2-hour period focussing on the areas that are in use.

The receptor points have been identified, (these being at the two closest properties where boundaries adjoin residential properties) and readings were taken from these positions.

The approach intended to maximise the useful data gathered to give a better understanding of the noise levels emitted and their level of impact at the boundaries.

The sound measuring equipment is approved and annually calibrated by a higher level educational establishment based in Hampshire.

A post measurement report is provided at the end of this report, detailing the levels recorded throughout the test period.

The measurements and subsequent report is to assist the business in its on-going decision making.

All measurements were taken with a Brüel & Kjær 2238 sound level meter at receptor points throughout a 2-hour period. Measurements were taken at approximately 1.2 metres from the ground.

Measurements were taken throughout the 2-hour period from both receptor points;

Receptor point 'A' was approximately 20 metres from the source of sound

Receptor point 'B' was approximately 10 metres from the source of sound.

Measurements were taken from the receptor points at 15-minute intervals for a period of 5 minutes and their peak level was recorded. Results are detailed below.

Measurements

Receptor Point A

Time	1030am	1045am	1100am	1115am	1130am	1145 am	1200pm
Reading (dB(A)) Ambient Noise	50	50	50	50	50	55	55
Reading (LA ₅ max)	80	55	56	65	65	55	77

Receptor Point B

Time	1035am	1050am	1105am	1120am	1135am	1150am	1205am
Reading (dB(A)) Ambient Noise	48	48	48	48	48	52	52
Reading (LA ₅ max)	56	82	56	58	57	62	58

The table of readings demonstrates that in the timeframe of 2 hours of monitoring, over 95% of the readings fall below the recommended level of noise emitted at the boundary of the garden in a rural area as defined by BS 5228:1 – Part 6 and therefore does not constitute a noise nuisance to neighbouring properties.

Competency of Author

Tennyson Suite Limited is a Chartered Building and Health and Safety Consultancy and is accredited to ISO 9001; OHSAS 18001; and BS EN ISO 14001 to provide specialist health and safety advice on the following:

CDM advisers to clients, designers, principal designers, principal contractors and contractors, principal designer duties, construction phase health and safety plans, risk assessments including fire risk assessments and method statements, health and safety policies, design and delivery of training programmes for the construction industry and wider commercial applications.

Contact: John Lawrence or Tom Lawrence

Address: Tennyson Suite Limited
 Newhaven Enterprise Centre, Denton Island, Newhaven, East Sussex.
 BN9 9BA

Telephone:

Email:

Website:



Author: John Lawrence

Qualifications: Diploma – Occupational Safety Health in Practice

Diploma – Construction Health and Safety Management

Diploma – Business Studies

Fellow of the Royal Society for the Promotion of Health (FRSPH)

Fellow of the International Institute of Risk and Safety Management

Chartered Member of the Chartered Institute of Building

Technical Member of the Institute of Occupational Safety and Health

CITB Registered Trainer – Site Safety Plus Training Courses

IEMA Approved Advanced Lead Auditor

Career: Current: Founder and Director – Tennyson Suite Limited (since 2007)

2005-2006: KK Abbott Ltd – Health and Safety Advisor

2000-2005: Vinci PLC – Health and Safety and Project Manager

1990-2000: John Laing Construction Limited – Project Manager

1982-1990: HM Government – Administration