

**36 HEATH DRIVE, LONDON**

**NOISE BASELINE SURVEY**

**(11/05/2018 – 15/05/2018)**

Report 17622.NM.Baseline

Prepared on 31 May 2018

For:

**MY construction Ltd.**

**Unit 5 Sayer House Oxgate La**

**London**

**NW2 7JN**

Contents

1.0 INTRODUCTION .....3

2.0 PROCEDURE .....3

3.0 EQUIPMENT .....3

4.0 NOISE SURVEY .....3

4.1 Noise Results.....3

5.0 CONCLUSIONS.....4

List of Attachments

- 17622.SP1      Site Plan
- 17622.NTH1    Noise Time History

## 1.0 INTRODUCTION

KP Acoustics Ltd has been appointed by MY Construction Ltd., Unit 5 Sayer House Oxgate La London NW2 7JN to undertake baseline noise and vibration monitoring survey at 36 Heath Drive, London NW3 7SD.

This report outlines the results of the baseline noise survey undertaken between 11 May 2018 and 15 May 2018, in order to establish the current background levels prior to the commencement of all on-site operations.

## 2.0 PROCEDURE

Automated noise monitoring was undertaken on the left hand side of the main entrance of the house facing Heath Drive, as indicated on the site plan 17622.SP1.

The choice of these positions was based both on accessibility and on collecting representative noise data at the boundary of the site.

The weather during the course of the survey was generally dry with wind speeds within acceptable tolerances and therefore suitable for the measurement of environmental noise. The measurement procedure complied with ISO 1996-2:2007 Acoustics "Description, measurement and assessment of environmental noise - Part 2: Determination of environmental noise levels".

## 3.0 EQUIPMENT

The equipment calibration was verified before and after the survey and no calibration irregularities were observed.

The equipment used was as follows.

- 1 No. Svantek Type 958A Sound Level Meters
- B&K Type 4231 Class 1 Calibrator

## 4.0 NOISE SURVEY

### 4.1 Noise Results

The results of the background noise monitoring are shown as a time history of  $L_{Aeq}$ ,  $L_{Amax}$ ,  $L_{A10}$  and  $L_{A90}$  averaged over 5-minute sample periods as shown in Figure 17622.NTH1.

Average ambient and background noise levels during daytime and night-time are as shown in Table 2.1.

	Average ambient noise Levels $L_{Aeq}$ dB(A)	Average background noise Levels $L_{A90}$ dB(A)
<b>Daytime (07:00-23:00)</b>	59	50
<b>Night-time (23:00-07:00)</b>	55	42
<b>Weekday</b> $L_{Aeq}$ 10h 08:00-18:00	61	52
<b>Weekend</b> $L_{Aeq}$ 5h 08:00-13:00	58	49

Table 2.1: Measured ambient and background noise levels

## 5.0 CONCLUSIONS

A baseline noise survey has been undertaken on site at 36 Heath Drive, London NW3 7SD, to establish the ambient noise profile of the site prior to the commencement of all on-site works.

Measurements of  $L_{Aeq}$ ,  $L_{Amax}$ ,  $L_{A10}$  and  $L_{A90}$  were undertaken between 11 May 2018 and 15 May 2018. All noise levels have been analysed and reported.

Report by

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**Monitoring positions:**

 Noise and Vibration

 Dust

**Title:**

Indicative site plan showing noise, vibration and dust  
monitoring positions

Ref. Google maps

**Date:** 31 May 2018

**FIGURE 17622.SP1**





**36 Heath Drive**  
**Environmental Noise Time History**  
**From 11 May 2018 To 15 May 2018**

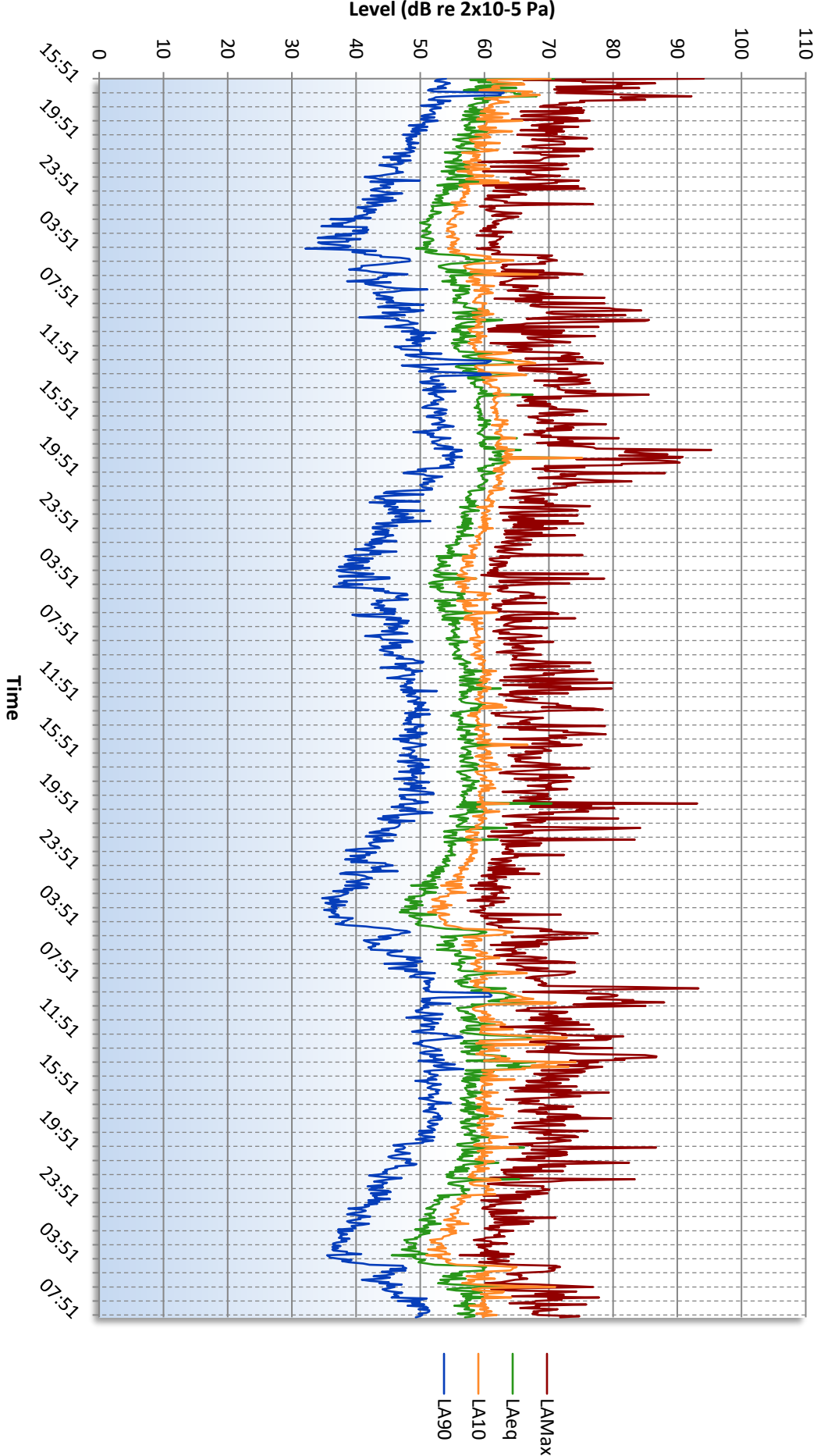


Figure 17622.NTH1