

# ACOUSTIC TECHNICAL NOTE



Reference:	11041.ATN01.PAT.0
To:	Chase Hunter, Chelsea Lodge, 562 Kings Road, London SW6
Date:	30 September 2022
Project:	Chelsea Lodge
Subject:	Noise Complaints

## 1.0 INTRODUCTION

Chelsea Lodge, London SW6 is a restaurant/bar on a busy section of Kings Road SW6. There have been a number of noise complaints to the venue from local residents over several years, related to alleged to plant, patron and music noise. In response to this, Chelsea Lodge have made major changes to their plant installation, relocating much of their plant items to an area which provides additional screening to local residences and partially enclosing them. Additionally, noise monitoring has been undertaken at the site since August 2021 in order to inform the venue's response to local residents' concerns. The noise monitor is situated at roof level close to a kitchen extract vent.

This report provides of an analysis of noise levels measured at the site during July-September 2022, comparing noise levels measured on weekend evenings when the venue was closed to those when the venue was operating. In addition, noise levels measured during the time of specific noise complaints will be analysed to determine whether these complaints are indeed due to noise emissions from Chelsea Lodge, or those from other sources on and around Kings Road.

## 2.0 NOISE LEVELS DURING OPENING HOURS

To assess the additional noise impact on the surrounding residential area due to operations at Chelsea Lodge, we can compare evening and night-time data from specific Fridays when the venue was closed, and then on Fridays and Saturdays when the venue was open.

The venue was closed on Fridays between 8<sup>th</sup> July and 12<sup>th</sup> August. Noise levels on these dates have been used to establish a baseline for comparison. The venue generally closes at 02:30 and dispersed by 03:00. However, during the measurement period the venue often closed earlier than this, being dispersed by as early as 01:00 in some instances.

The measured data shows typical  $L_{Aeq}$  levels are generally consistent around 53-55dBA during the evening, with a slight drop-off of 2-3dB after midnight, which is normal and unrelated to the activity of Chelsea Lodge. There are occasional periods of increased noise observed on all nights regardless of whether the venue was open, consistent with the Kings Road area where there is a lively night-time economy. Kings Road is also a major thoroughfare and there is frequent noise generated by events such as engine noise from high power motorbikes and cars, and from sirens from emergency services vehicles.

Graph 1 below shows  $L_{Aeq,30min}$  average noise levels for nights while operating and for nights when closed. The average for closed nights shows a peak around 23:30 which is due to a one-off noisy event on the 8<sup>th</sup> July. The average with this event removed from the analysis is also shown and is considered more representative of the true background noise level.

From these measurements we observe no consistent additional noise levels associated with Chelsea Lodge operations.

### 3.0 SPECIFIC NOISE COMPLAINTS

Three specific noise complaints were reported during the July-September period.

*24 September 2022*

It was reported that a group of men were shouting on Wandon Road close to the junction with Kings Road (some 40m from Chelsea Lodge) between 22:10 and 23:00 on 25 September. The measurements show no excess level at this time (see Graph 2).

*27-28 August 2022*

It was reported that a group of women were singing and shouting at the corner of Holmead Road and Kings Road (outside Chelsea Lodge) at around 21:30pm. The measurement shows no excess levels at this time (see Graph 3).

Later on, it was reported that there was raised voices on the Kings Road around 02:15. Chelsea Lodge had closed at 01:15 and dispersed by 01:30 on this night and so these particular patrons are likely to be unrelated to the Chelsea Lodge premises. The measurements show no excess level during this time. (see Graph 4).

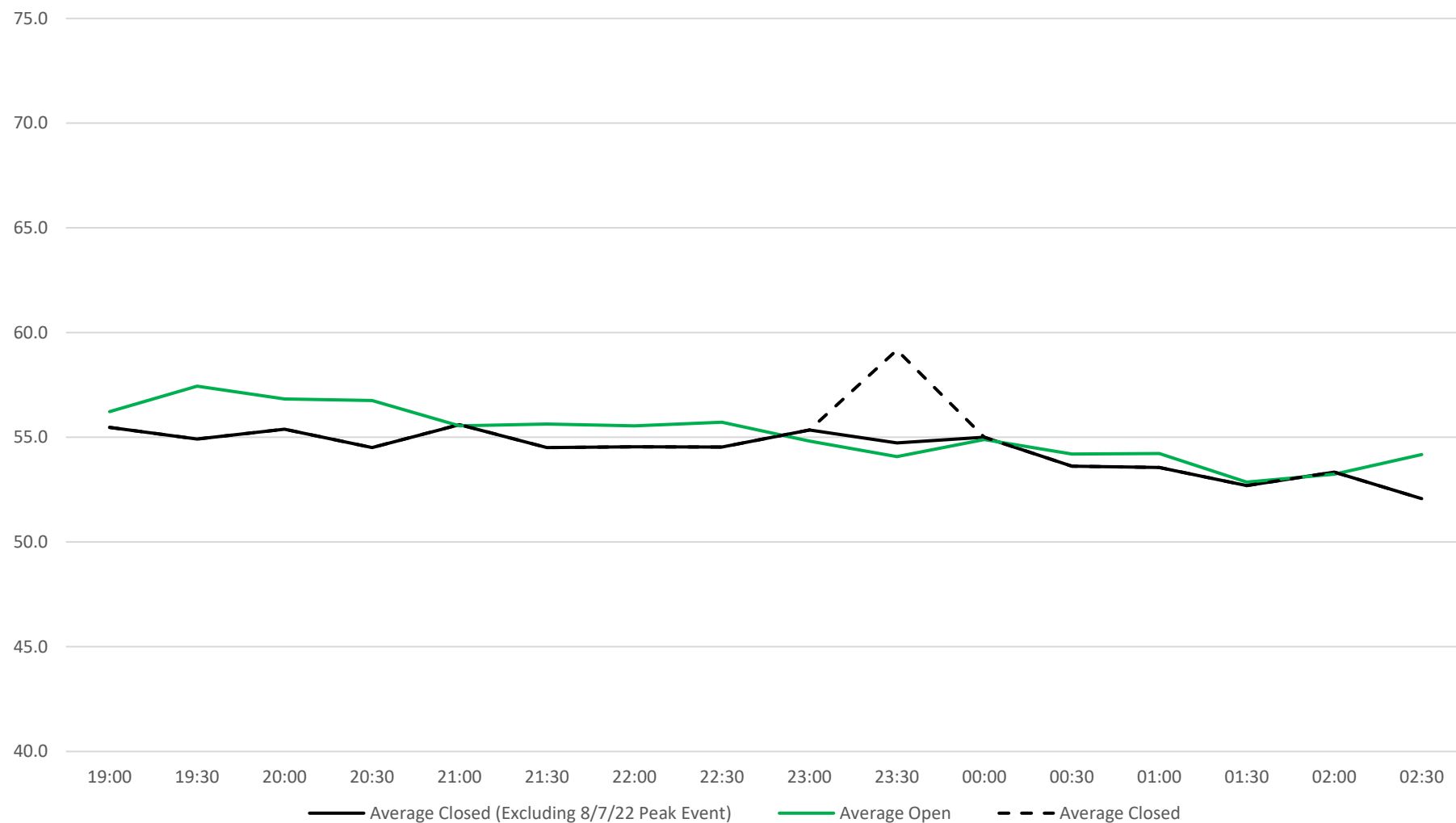
*Thursday 16 June 2022*

A complaint was made of excessive plant/extract noise which the complainant associated with the Chelsea Lodge; however, the venue was closed on this evening.

### 4.0 CONCLUSION

Noise levels have been continuously monitored at Chelsea Lodge restaurant & bar during June-September 2022. Comparison between nights when the venue was open and closed show no consistent additional noise level due to venue operations.

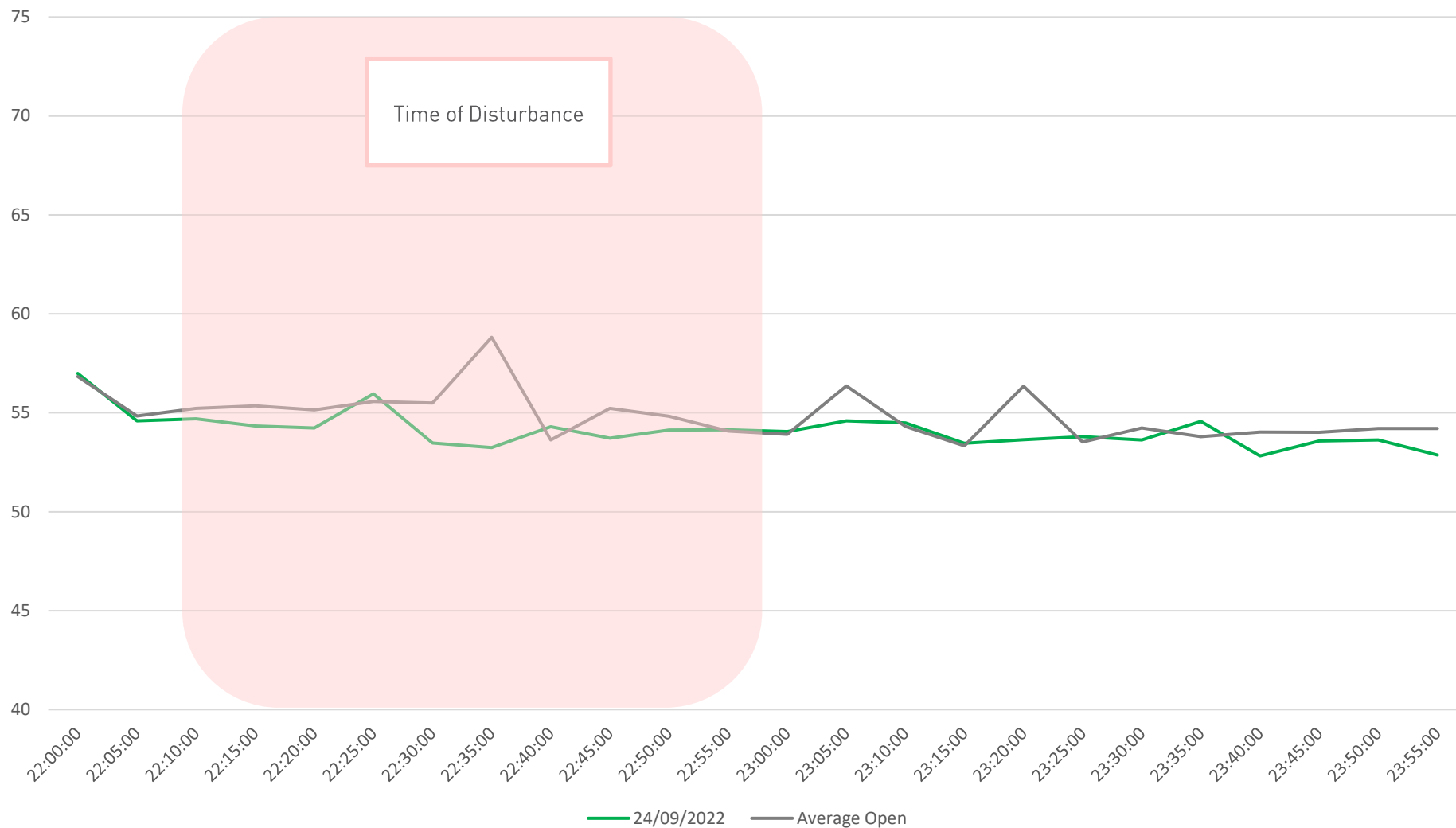
Reference to measured noise levels at the time of specific noise complaints shows no consistent raised noise levels at Chelsea Lodge during these times. On the evening when one noise complaint (referring to plant noise) was received, the venue was in fact closed.



Chelsea Lodge  
LAeq, 30min Average Noise Levels, Open and Closed  
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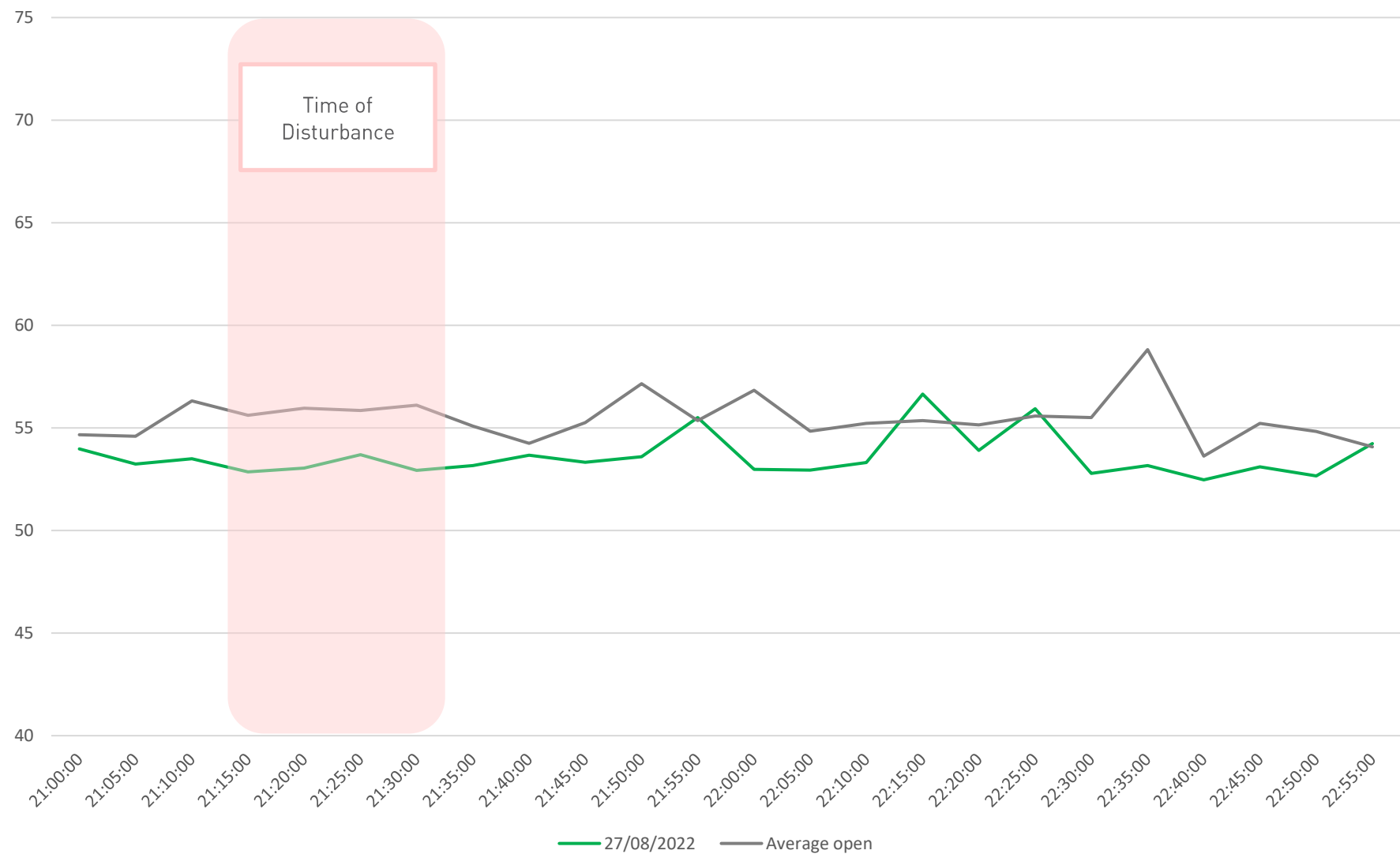
Graph 1  
30 September 2022  
Not to Scale





Chelsea Lodge  
LAeq, 5min Noise Levels During 24/9/22 Noise Complaint  
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Graph 2  
30 September 2022  
Not to Scale



Chelsea Lodge  
LAeq, 5min Noise Levels During 27/8/22 Noise Complaint  
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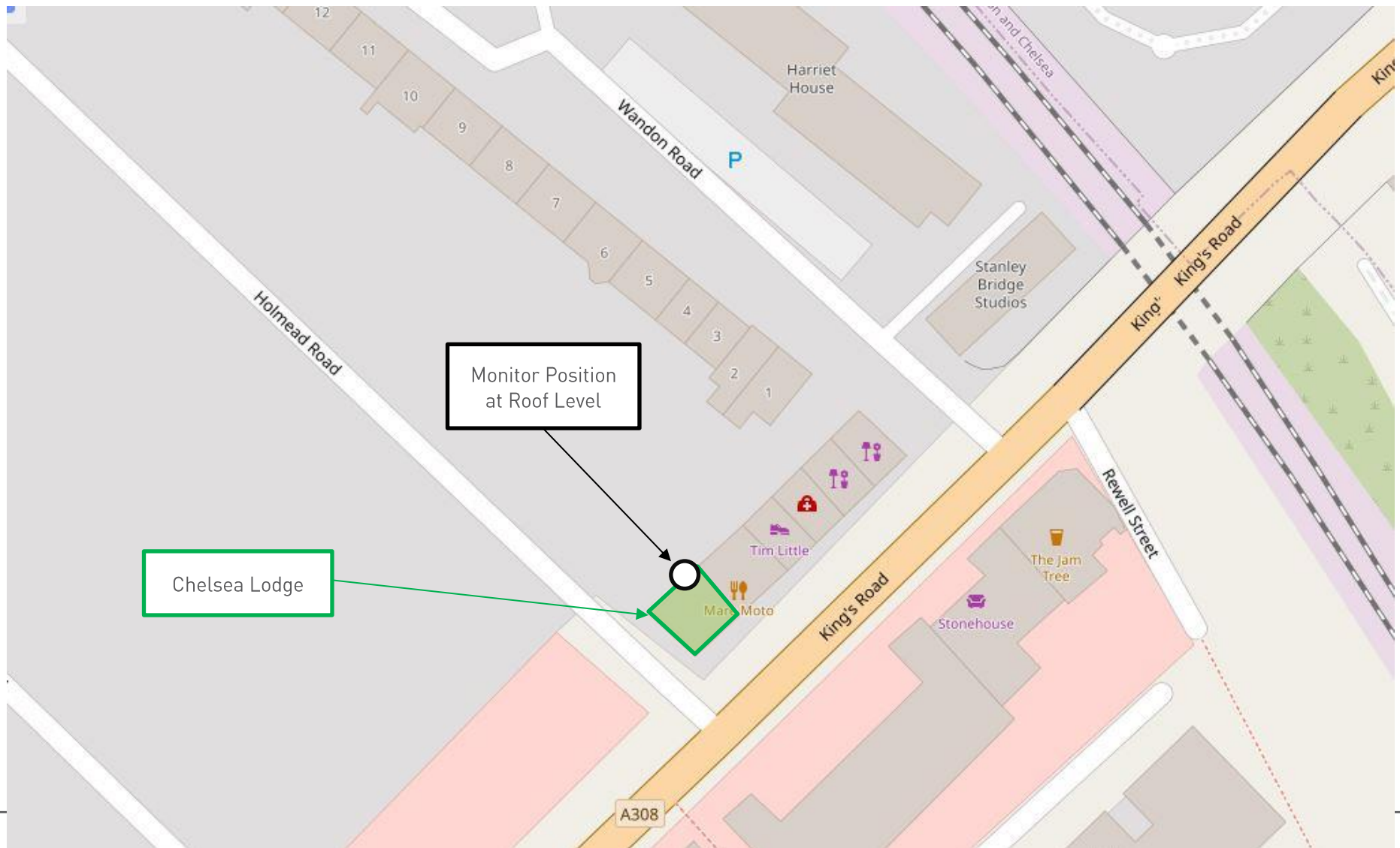
Graph 3  
30 September 2022  
Not to Scale





Chelsea Lodge  
 LAeq, 5min Noise Levels During 28/8/22 Noise Complaint  
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Graph 4  
 30 September 2022  
 Not to Scale





Chelsea Lodge  
Site Plan  
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Figure 2  
30 September 2022  
Not to Scale

