**Measurement of Environmental Noise at** [redacted]

-This investigation was carried out by Lostock Gralam Parish Councillor M Venables.
-The data was gathered from two locations over 4 evenings.
-At no point was Cllr Venables able to determine the exact source of noise.
-Any calculated results are based on known calculators.
-Readings from L1 are generally traffic noise.
-Readings from L2 are generally [redacted] noise.

## Purpose of this report

The purpose of this report is to investigate whether [redacted] is excessively noisy, at the Stubbs Lane play area open space. The [redacted]

## Overview

An assessment has been requested to investigate whether the noise levels [redacted] are within acceptable levels, whist [redacted] take place on the Stubbs Lane play area open space. The main reason for this investigation is to determine whether the [redacted] volume, is an excessive noise level.

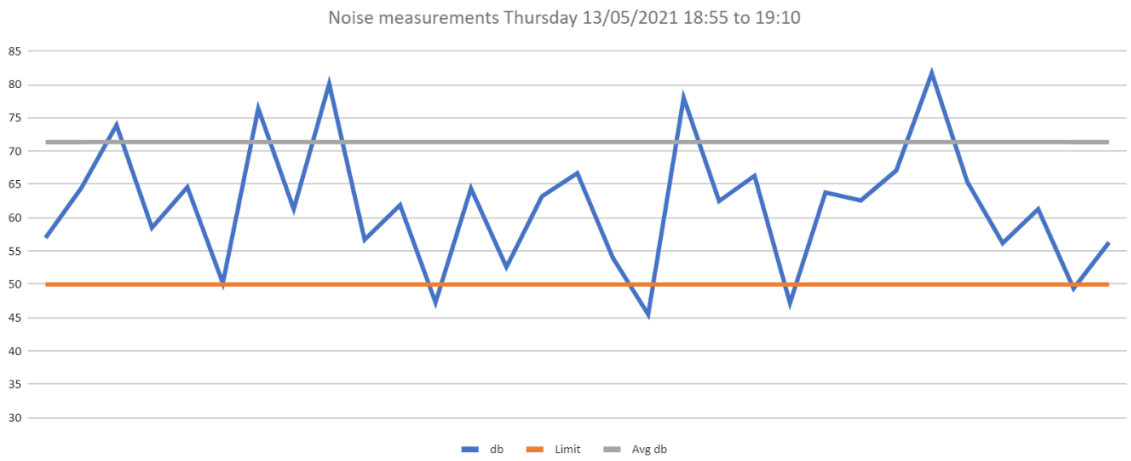
## Microphone Position

The microphone was placed in two locations. The existing background noise measurements were taken during the evening at 18:55 to 19:10 on 13th May 2021. The microphone was placed at the Stubbs Lane flower planter (L1) and within the play area at the first public bench (L2).

Location 1(L1)

Location 2 (L2)


As can be seen below, the normal average background noise level at L1 is 71.35dB. It is noted that the flower planter is around 9m from Manchester Road.



**Data Collected**

The existing background noise levels on site are around an average of 52dB during the day and 48dB during the night (10pm).

| Date / time | Location | Average -Db | Fitness Class |
|---|---|---|---|
| 13/05/2021 18.55-19.10 | Stubbs Lane Flower Planter (L1) | 71.35dB | No |
| 02/06/2021 19.05-19.20 | Stubbs Lane Flower Planter (L1) | 63.70dB | Yes |
| 14/06/2021 19.25-19.40 | Bench in play area (L2) | 50.11dB | Yes |
| 16/06/2021 19.35-19.50 | Bench in play area (L2) | 50.45dB | Yes |

From the above investigation, [redacted] did not exceed the average background noise level at L1.

Whilst it was not possible to determine the exact source of noise, the microphone operator positioned the microphone within the play area to obtain a [redacted] noise reading with less road noise interference.

The average background noise level at L2, while a [redacted] was calculated to be an average of around 50dB.

**Noise Propagation of** [redacted]


**Conclusion**

The [redacted] had no impact on the average background noise level of Manchester Road at L1, suggesting that the road is louder than the [redacted] The average [redacted] noise level 1m from the façade of [redacted] is 47.67dB which is below the 50dB recommended WHO (World Health Organisation) noise level in a residential area. The noise level of the [redacted] at the times when this report was conducted does not suggest that [redacted] is excessively noisy.

**Recommendation**

[redacted] avoid being less than 5m from the permitter fence when [redacted]

Report date 24.06.21