
From: Richard Whitaker < >
Sent: 22 November 2023 08:18
To: Convey-McGovern , Emily (ENVIRONMENTAL HEALTH OFFICER) < >
Cc: 'Robert Agus' < >
Subject: RE: 2023/0675 11188 Noise Report, Sheffield Road Oxspring

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Hi Emily,

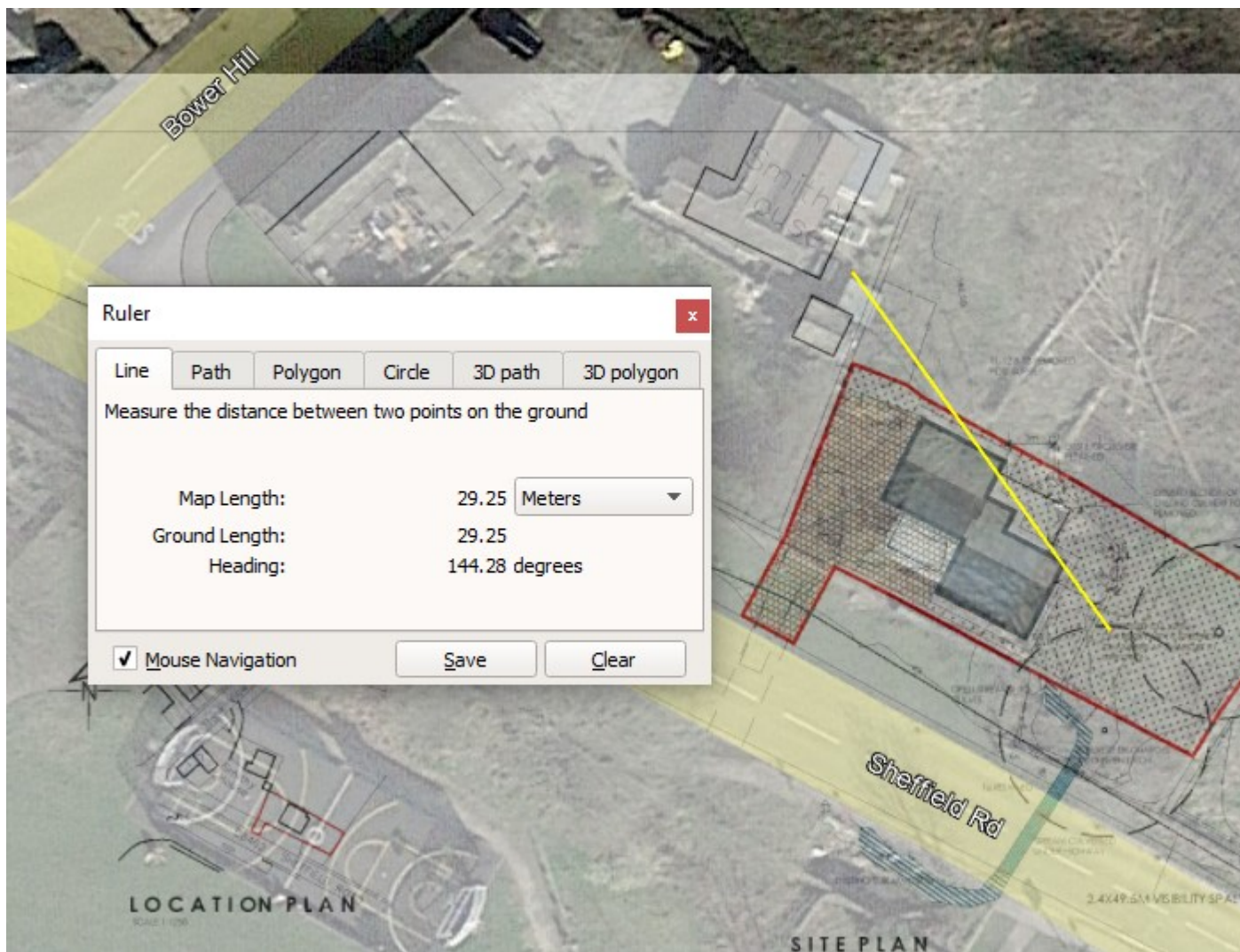
Further to the below, I hope the following calcs provide some further clarity. If not then we will have to arrange further modelling.

54 dB @ 5 metres distance.

The outdoor seating is circa 30 metres from the garden.

$20\log(5/30) = -16$ dB for distance attenuation + screening attenuation afforded by the development itself.

Even without taking screening attenuation into account, the level for distance alone would be below 50 dB within the garden (i.e. $54 - 16 = 38$ dB LAeq) for noise associated with The Smithy Arms outdoor seating area.



Thanks,

Rich

Richard Whitaker / Acoustic Consultant

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