

From: [Rhodes, Matthew](#)
To: ["Steven Gunn-Russell"](#)
Cc: [Planning \(HPBC\)](#)
Subject: RE: HPK/2022/0456 Environmental Health Consultation#
Date: 10 July 2023 13:09:46
Attachments: [image002.png](#)
[image003.png](#)

Cheers Steve

I missed that. That's fine, can we include this in the condition, just so it's clear.

2. NSD14 – ACOUSTIC FENCING

Acoustic fencing shall be utilised in the rear gardens of Plots 1 and 3 to 8 for noise mitigation, and shall be of solid construction, with good quality timber (no warping, knot holes or damage) of at least 20mm thickness in all places, including where the boards overlap. Boards shall continue across the front of posts to minimise gaps and incorporate wide overlaps (minimum 25mm) to allow for timber expansion and contraction whilst minimising the possibility of gaps appearing over time. Fencing shall have a superficial mass not less than 10 kg/m².

Noise mitigation shall thereafter be maintained for the life of the development.

Regards

Matthew Rhodes

Environmental Health Officer (Pollution and Environment)

High Peak Borough Council, Town Hall, Buxton, Derbyshire. SK17 6EL

Staffordshire Moorlands District Council, Moorlands House, Stockwell Street, Leek, Staffordshire. ST13 6HQ

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From: Steven Gunn-Russell

Sent: Friday, July 7, 2023 5:16 PM

To: Rhodes, Matthew

Subject: RE: HPK/2022/0456 Environmental Health Consultation#

Hi Matthew,

The text below is in doc.172 Noise Assessment. Is this acceptable or not?

Steven

4.2.2 External Noise Assessment

Disregarding the effect of any fencing, daytime external noise levels in the rear gardens of the front row of proposed properties facing Dinting Vale are anticipated to exceed the criterion of 50 dB $L_{Aeq,16h}$ by no more than 2dB. It is therefore recommended that, for any rear gardens facing Dinting Vale (identified as **plot numbers 1, 3-8**) that have an unobstructed line-of-sight to the road, 1.8m high acoustically attenuating garden fences are installed. These fences would reduce road traffic noise levels in the gardens by 5 to 10 dB i.e. to a level compliant with the criterion in BS 8233.

In order to be effective, the amount of noise transmitted through the fence must be significantly less than what passes over the top (and round the edges). The effectiveness of a material to prevent the transmission of noise is determined by the thickness and surface density of the material used to construct the barrier. According to ISO 9613-2, the minimum surface density of a barrier is 10 kg/m². Assuming timber fences are used, panels must be overlapping or close boarded with no air gaps between them or at the bottom. Sound 'leaks', due to holes, slits, cracks or gaps through or beneath a noise barrier can seriously reduce the barrier performance and must be avoided. With these fences in place, it is likely that the internal daytime noise levels with windows open would be reduced by around 5 dB i.e. compliant with the criterion in BS 8233.

Kind Regards,

Steven

Steven Gunn-Russell
BA (Hons), DipTP, MRTPI
Senior Planning Consultant

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From: Rhodes, Matthew <

Sent: Friday, July 7, 2023 2:57 PM

To: Planning (HPBC)

Cc: 'mail@refa.co.uk' [Steven Gunn-Russell](mailto:mail@refa.co.uk) < **Subject:** HPK/2022/0456 Environmental Health Consultation#

[Dear Planning](#)

Application number	HPK/2022/0456	Application type	Full Planning - Large scale MAJOR apps
Site address	Land At, Dinting Vale, Dinting, Glossop, Derbyshire,	Proposal	Proposed residential development comprising 100 dwellings including areas of public open space, landscaping and associated works

COMMENTS: Further to my previous email dated 23/11/22

Contamination:

The contamination reports submitted in support of the application may be accepted:

- REFA, “Phase 1 – Geoenvironmental Desk Study Report” (ref: 21168A/GEDS RevA), dated 4 August 2022
- REFA, “Ground Investigation Works At Dinting Vale, Glossop” (ref: REF-ST-21168), dated 16 February 2022
- REFA, “Phase II Geo-Environmental Investigation Report” (ref: 21168/GEIR/A Draft), dated 29 March 2023

The updated ground investigation report (21168/GEIR/A Draft) identifies limited contamination associated with made ground /infill. Delineation of pockets of made ground, for removal is proposed to take place during enabling works, and it may be useful to make reference to the geophysical survey that has been undertaken for parts of the site and submitted in support of the application.

- Archaeological Research Services Ltd, “Integrated Geophysical Survey” (ref: 23/319), dated April 2023

Further monitoring for ground gas is taking place, and the full ground gas assessment will be reported at a later date.

It is recommended that the suggested contamination condition remains in full.

Noise:

The revised noise impact assessment submitted in support of the application may be accepted.

- Royal Haskoning DHV, “Noise Assessment – Dinting Vale, Glossop” (ref: PC2304-RHD-ZZ-XX-RP-Z-0001 FINAL/P03), 16 March 2023

The report states that any rear gardens within 121 m of Dinting Vale with unobstructed line-of-sight to the road, requires mitigation in the form of an 1.8m high acoustic fence. I advise that the recommended condition NSD14 remains.

The applicant should submit a plan, or table indicating which premises/plots require an acoustic fence.

Regards

Matthew Rhodes

Environmental Health Officer (Pollution and Environment)

High Peak Borough Council, Town Hall, Buxton, Derbyshire. SK17 6EL

Staffordshire Moorlands District Council, Moorlands House, Stockwell Street, Leek, Staffordshire. ST13 6HQ

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