

Dear David,

Planning Application Reference: APP/25/00639

Description: Erection of 90 dwellings with associated landscaping, parking and improved access

Location: Proposed Development site (former Electricity Board site), Bartons Road, Havant

The latest revision of the Cass Allen Noise Assessment [report reference RP01-24394-R1] has been reviewed.

The amendments to site layout and dwelling orientation improve the acoustic outcome resulting in dwellings being more effectively positioned to provide acoustic screening to gardens from commercial plant noise generated at the SSE site to the east.

Despite the proposed 2.4m high acoustic fencing at the worst affected plots, it is anticipated that plant noise from the ground floor louvre at the SSE site is still expected to be audible inside plot 42 and in the garden of plot 52. The noise is dominant in the 100Hz range and described as a low hum.

This type of constant low frequency noise can be significantly noticeable and annoying even at low levels.

Given that the above plots remain exposed to plant noise from SSE, the applicant is requested to consider whether further noise mitigation measures could be implemented, such as:

- Installation of an acoustic barrier of significant mass ($>25\text{kg/m}^2$) and adequate height along the boundary with the SSE site to provide increased attenuation of low-frequency noise
- Re-orientation of plots 50-52 to use the buildings to screen the garden at plot 52
- Orientation of the internal layout of plot 42 to move habitable rooms away from the exposed facade with non-habitable rooms positioned on the noisier elevations.

- Installation of MVHR in plot 42 with no facade ventilators to minimise noise ingress

Should all or any of the above measures be feasible, further modelling should be carried out to quantify effectiveness.

Whilst specific mitigation measures will ultimately be agreed at the detailed design stage, it is necessary at this stage of the planning process to establish whether noise from commercial plant at the SSE site can be effectively mitigated at all affected plots prior to determination.

Kind regards,

Craig Milligan

Environmental Health Officer