

From: Le-Vallee, Helen
Sent: 08 May 2025 16:00
To: Pickup, Tina
Subject: APP/25/00359

Site Address: Trevanion, 1 Beach Road, Emsworth, PO10 7JS

Proposed Development: Retention of air source heat pump and associated screening

Thank you for consulting the Environmental Protection Team on this retrospective planning application for an ASHP. We note that although the ASHP has been enclosed on three sides and lined with a temporary acoustic barrier, due to the proximity of neighbouring windows we anticipate that noise from this unit could still have an impact on residential amenity including causing sleep disturbance. The manufacturers details for the acoustic barrier 'ECHO H2' show that the barrier has a mass of under approximately 2.5kg/m² with poor performance at low frequencies. In our experience it is the low frequency noise that often gives rise to complaints about ASHPs.

I note that the applicant has not provided a noise report and for this reason we recommend the application is refused. Any future application should be accompanied with a British Standard 4142:2014+A1:2019 report "Methods for rating and assessing industrial and commercial sound". Noise mitigation may include reorientation and/or relocating the unit to a less noise sensitive location, and by ensuring the ASHP is properly mounted on resilient rubber feet. Other mitigation measures may include increasing the height of the current enclosure and by increasing the mass of the lining.

Regards

Helen Le-Vallee, MCIEH

Environmental Health Officer | T: 02392 446374

Environmental Protection Team, Havant Borough Council, Public Service Plaza, Havant, PO9 2AX

My working pattern – Monday to Friday

Advance notice of leave – None



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