

NORTH HERTS COUNCIL

MEMORANDUM

To: PLANNING CONTROL AND CONSERVATION Melissa Tyler	From: ENVIRONMENTAL HEALTH Alan Stone Ext 4108
	Date: 14 th February 2025
Our Ref: 6148/25	Your : 25/00029/FPH Ref:
Subject: Noise and other nuisances Full Permission Householder : Installation of one freestanding air source heat pump 220 Westmill Road, Hitchin, Hertfordshire, SG5 2SP	

Comments:

Thank you for consulting Environmental Protection on this application.

The application is supported by an MCS020 noise assessment which indicates that there is a slight exceedance of the noise limits for such installations. However, given the location and orientation of the proposed unit, I raise no objection to the proposals.

Local Air Quality:

North Herts Council have specific air quality planning guidance that can be found at <http://www.north-herts.gov.uk/home/environmental-health/pollution/air-quality/air-quality-and-planning>

Application of the guidance to a development of this scale and location defines the site as being a MINOR scale development and so the following condition is recommended to ensure that appropriate local air quality mitigation is provided.

EV Recharging Infrastructure Condition

Prior to occupation, the new dwelling shall incorporate an Electric Vehicle (EV) ready domestic charging point.

Reason: To contribute to the objective of providing a sustainable transport network and to provide the necessary infrastructure to help off-set the adverse impact of the operational phase of the development on local air quality.

Informative

1) EV Charging Point Specification:

A charging point shall be installed by an appropriately certified electrician/electrical contractor in accordance with the following specification. The necessary certification of electrical installation should be submitted as evidence of appropriate installation to meet the requirements of Part P of the most current Building Regulations.

Cable and circuitry ratings should be of adequate size to ensure a minimum continuous current demand for the vehicle of 16A and a maximum demand of 32A (which is recommended for Eco developments)

- A separate dedicated circuit protected by an RBCO should be provided from the main distribution board, to a suitably enclosed termination point within a garage or an accessible enclosed termination point for future connection to an external charge point.
- The electrical circuit shall comply with the Electrical requirements of BS7671: 2008 as well as conform to the IET code of practice on Electric Vehicle Charging Equipment installation 2012 ISBN 978-1-84919-515-7 (PDF). This includes requirements such as ensuring the Charging Equipment integral protective device shall be at least Type A RCD (required to comply with BS EN 61851 Mode 3 charging).
- If installed in a garage all conductive surfaces should be protected by supplementary protective equipotential bonding. For vehicle connecting points installed such that the vehicle can only be charged within the building, e.g. in a garage with a (non-extended) tethered lead, the PME earth may be used. For external installations the risk assessment outlined in the IET code of practice must be adopted, and may require additional earth stake or mat for the EV charging circuit. This should be installed as part of the EV ready installation to avoid significant on cost later.

- A list of authorised installers (for the Government's Electric Vehicle Homecharge Scheme) can be found at <https://www.gov.uk/government/organisations/office-for-low-emission-vehicles>
- UK Government issued legislation in 2021 to require domestic EV charge points to be smart, thus we recommend that all charge points will be capable of smart charging, as detailed in UK Gov regulations.

2) The above condition is considered relevant and reasonable for the following reasons:

- Paragraphs 170 (e), 181 of the NPPF, which refer to the effects (including cumulative effects) of pollution (including air pollution) on health, the natural environment (including air quality).
- Paragraphs 102 (d), 105 (e) and 110 (e) of the NPPF, which refer to the need to promote sustainable transport including the provision for charging plug-in and other ultra low emission vehicles.
- HCC Local Transport Plan (LTP4) 2018-2031 which includes an objective to 'preserve the character and quality of the Hertfordshire environment' and 'make journeys and their impact safer and healthier', as well as its Emissions Reduction Policy 19.
- It is consistent with the approach specified in the NHDC Air Quality Planning Guidance Document, which is referenced within the current consultation version of the Local Plan.

General:

During the construction phase of the development hereby permitted works that are audible at the site boundary shall be restricted to between 8.00 hours to 18.00 hours Monday to Friday, 8.00 hours to 13.00 hours on Saturdays and not at all on Sundays or Public Holidays.

Reason: To safeguard the amenities of nearby premises

Regards
Alan Stone