

NORTH HERTS COUNCIL

MEMORANDUM

To: PLANNING CONTROL AND CONSERVATION Paul Chaston	From: ENVIRONMENTAL HEALTH Alan Stone Ext 4108
	Date: 24 th October 2024
Our Ref: 6416/25	Your : 25/02401/OP Ref:
Subject: Outline Application: Erection of up to 100 dwellings with means of access from Turnpike Lane including associated landscaping, drainage, car parking; infrastructure and all ancillary and enabling works following demolition of all existing structures (all matters reserved except means of access) Land South Of Turnpike Lane, Ickleford, Hertfordshire	

Comments:

Thank you for consulting Environmental Protection on this application.

I have no objections to the proposals but make the following comments.

General:

A Construction Environmental Management Plan to deal with noise and dust impacts (among other matters) should be secured via a suitably worded condition.

Noise:

I have no objections to the proposals in relation to noise. A noise impact assessment has been submitted which concludes that standard thermal double-glazed windows would be sufficient to mitigate against local traffic noise and I am satisfied with this conclusion.

Contaminated Land:

The application is supported by a phase 1 Preliminary Risk Assessment for the site which concludes that a suitable ground investigation is undertaken.

I, therefore, recommend conditions to secure this investigation and any required subsequent works should you be minded to grant approval. I have drafted conditions below for your consideration.

No development approved by this permission shall take place until a Phase 2 investigation report has been submitted to and approved in writing by the Local Planning Authority. Where found to be necessary by the phase 2 report a remediation strategy to deal with the risks associated with contamination of the site shall also be submitted to and approved in writing by the Local Planning Authority. The remediation strategy shall include an options appraisal giving full details of the remediation measures required and how they are to be undertaken. The strategy shall

include a plan providing details of how the remediation works shall be judged to be complete and arrangements for contingency action.

Reason: To protect human health and to ensure that no future investigation is required under Part 2A of the Environmental Protection Act 1990.

Prior to any permitted dwelling being occupied a validation report shall be submitted and approved in writing by the Local Planning Authority to demonstrate the effectiveness of any agreed Remediation Strategy. Any such validation shall include responses to any unexpected contamination discovered during works.

Reason: To protect human health and to ensure that no future investigation is required under Part 2A of the Environmental Protection Act 1990.

In the event that contamination is found at any time when carrying out the approved development, it shall be reported in writing immediately to the Local Planning Authority. An investigation and risk assessment shall then be undertaken by a competent person, in accordance with BS10175:2011. A written report of the findings should be forwarded for approval to the Local Planning Authority. Following completion of remedial measures a verification report shall be prepared that demonstrates the effectiveness of the remediation carried out. No part of the development should be occupied until all remedial and validation works are approved in writing.

Reason: To protect human health and to ensure that no future investigation is required under Part 2A of the Environmental Protection Act 1990.

Local Air Quality:

The application is supported by an air quality assessment which makes reference to mitigation measures including EV charging points and a Travel Plan.

A travel plan has been submitted. It is important that Hertfordshire County Council is consulted on this plan and that this is in accord with their travel plan guidance. I have no objections to the document but adherence to any approved Travel Plan should be secured via a suitably worded condition.

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> . The submitted air quality assessment makes reference to this document.

Application of the guidance to a development of this scale and location defines the site as being a MEDIUM 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, each of the proposed new dwellings shall incorporate an Electric Vehicle (EV) ready domestic charging point. EV charge points shall be allocated to any visitor parking on a ratio of 1 charge point per 10 visitor parking spaces.

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.

1) 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.

If you have any queries, or would like to discuss, then please do not hesitate to contact me.

Regards
Alan Stone