

**ENVIRONMENTAL HEALTH  
SUPPORTING COMMUNITIES**

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| <b>To:</b>         | <i>Josh Lawlor, Planning Officer, Development Management, 5 Pancras Square N1C</i>   |
| <b>From:</b>       | <i>Edward Davis (Pollution Planning Officer)</i>   |
| <b>Date:</b>       | 25 June 2021   |
| <b>Re:</b>         | <b><i>4 Oak Hill Park Mews London NW3 7LH</i></b>  |
| <b>Proposal:</b>   | <i>Formation of roof terrace comprising insertion of accessible skylight, glass balustrade, roof mounted air source heat pump and solar PV panels.</i> |
| <b>Reference:</b>  | <b><i>Planning application ref. 2021/0989/P</i></b>  |
| <b>Key Points:</b> | The proposals are <u><b>acceptable</b></u> in environmental health terms   |

**ENVIRONMENTAL HEALTH OBSERVATIONS**

It is proposed to install a new air source heat pump to the rooftop of 4 Oak Hill Park Mews to serve the residential property.

An appropriate noise survey has been carried out between 12<sup>th</sup> February 2021 and 15<sup>th</sup> February 2021 to obtain the minimum ambient baseline data of the area.

Appropriate noise guidelines have been followed within the report such as Noise Policy Statement for England, National Planning Policy Framework (NPPF), Planning Practice Guidance on Noise, Camden Council's Local Plan, version June 2017 and BS 4142:2014.

It is understood that the proposed plant installation is comprised of the following units:

- 1No. Pack2-12 Nibe Air Source heat pump pack F2040-12.

The predicted noise levels calculated in the submitted report shows compliance to local authority criteria and therefore acceptable in environmental health terms.

There may be concerns over noise from the use of the roof terrace especially at night. As this is a residential premises primary legislation 'Environmental Protection Act 1990, Section 80' would be more appropriate to control any possible issues in relation to the use of this terrace and I am not seeking to control the hours of use.

I have no objections to the application on environmental health grounds and suggest the following should you be mindful to grant the application:

The external noise level emitted from plant, machinery or equipment at the development hereby approved shall be lower than the lowest existing background noise level by at least 10dBA, by 15dBA where the source is tonal, as assessed according to BS4142:2014 at the nearest and/or most affected noise sensitive premises, with all machinery operating together at maximum capacity.

Reason: To ensure that the amenity of occupiers of the development site/ surrounding premises is not adversely affected by noise from mechanical installations/ equipment in accordance with the requirements of policies A1 and A4 of the London Borough of Camden Local Plan 2017

Prior to use, [machinery, plant or equipment] [the extract/ ventilation system and ducting] at the development shall be mounted with proprietary anti-vibration isolators and fan motors shall be vibration isolated from the casing and adequately silenced and maintained as such.

Reason: To ensure that the amenity of occupiers of the development site and surrounding premises is not adversely affected by vibration in accordance with the requirements of policies A1 and A4 of the London Borough of Camden Local Plan 2017

If you have any queries, please do not hesitate to contact me.

Regards

Edward Davis  
Pollution Planning Officer  
Supporting Communities  
London Borough of Camden  
Telephone: 02079745550/ Mobile: 07967652382