

Online Comment

Application H05-0739-22
Location Mill House Farm Roman Bank Fleet PE12 8LW
Proposal Details of external plant/equipment, foul & surface water disposal and ecological biodiversity measures. (Conditions 7, 11 & 12 of H05-0982-21)

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Date Submitted 16-08-23
For/Against Objections

Our officers have reviewed the Blue Tree Acoustics report 'Agricultural Produce Store, Mill House Farm, Roman Bank, Fleet Hargate Noise Assessment Report Doc ref: 03686-140101 21/07/2022'.

Our officer felt that the background noise levels recorded were considerably higher than those usually associated with such a setting in a rural area of South Holland. Whilst the report does note that there was some construction ongoing at the time of measurement, our officer still felt that the background levels presented were not necessarily representative of the usual conditions.

We therefore commissioned an independent report comprising 6 days and 5 nights of continuous noise monitoring, and subsequent noise modelling of the proposed installation. The report concluded that based on the unattended noise measurements undertaken at the nearest residential receptor the background noise level is estimated as LA90.15mins 42 dB(A) during the daytime period and LA90.15mins 35 dB(A) during the night-time period (the modal values measured on site during the unattended monitoring period).

Using computer noise model predictions and manufacturers data for the fixed plant that is proposed to be installed on site, cumulative noise emissions from the proposed plant (including new plant covered by the planning permission and also the new plant serving the permitted development) are shown to exceed the planning condition noise criteria during both the daytime (by 10 dB(A)) and night-time periods (by 17dB(A)) at the closest receptor, and night-time periods at the second closest receptor (by 9 dB(A)). This is in excess of the requirement of condition 6, which states not more than 5 dB(A) above background.

I am therefore unable to recommend discharge of condition 7 of H05-0982-21 at this time. Our consultant made some recommendations which the application may find useful in seeking to discharge the condition:

In order to minimise the impact of noise emissions from the proposed new units the applicant should explore further noise mitigation measures, beyond those already incorporated within the latest design layout and these additional measures should be designed to restrict specific noise emissions from the new plant to below LAeq,15mins 47 dB(A) during the daytime period and below LAeq,15mins 40 dB(A) during the night-time period, when assessed at any residential site boundary.

Initial predictions based on the information made available indicate that in order to achieve the planning permission noise criteria on the worst affected residential boundary, noise mitigation measures may need to address noise breakout from the building envelope as well as noise emissions from the fixed external plant.