

MEMORANDUM



From: Ian Jones
Head of Service Public Protection

To: Mathew Philips
Head of Service Planning Development

Our Ref: 15561/24

Your Ref: P/2022/0820

Date: 15/05/2025

Town and Country Planning Act 1990

Town and Country Planning (General Development Procedure) Order 1996

Re P/2022/0820, Maelor Foods, Pickhill Lane, Cross Lanes, Wrexham, LL13 0UE

**AMRYWIO AMOD 07 O CANIATAD CYNLLUNIO APP/H6955/A/18/3216187
(P/2017/1032) I CANIATAU PROSESU 2,000,000 O ADAR YR WYTHNOS /
VARIATION OF CONDITION 07 OF PLANNING PERMISSION
APP/H6955/A/18/3216187 (P/2017/1032) TO PERMIT THE PROCESSING OF
2,000,000 BIRDS PER WEEK**

I comment on the latest submission of noise impact assessment reporting 'Maelor Foods Ltd. - Technical Note - Noise Impact Assessments 18 Dec 2024 (Amended)'.

This together with the submission of 'Supplementary Noise Assessment: Environmental Permit EPR/AB3591ZQ (Application for Variation) 27th October 2023 (described most recently as Report 2 addressed a number of issues that previously we felt had not been addressed in the previous documentation submitted for the consultation process.

The conclusion is that the only significant location where the Rating Level of noise from the plant approaches background noise levels would be Marlbrook House at -3 dB and +3dB differences when compared against background during the daytime or night time (respectively).

Although the report does not provide a resultant modelled or calculated Sound Pressure Level (or LAeq) for operational noise from the Maelor Foods plant at Marlbrook House the above calculations have led me to believe that this would be 36dB(A), [Rating Level minus 3 dB correction)

3.4 "The rating levels for plant noise produced in Report 1 have been modified by application of an additional correction factor (character penalty) of +3dB, which was not originally applied."

Assessments have been carried out to determine both the impact of additional vehicular traffic associated with the proposed increase in throughput, and to determine whether the overall impact still meets the WHO standard for 'Environmental Noise Guidelines for the European Region'.

The assessment of increased vehicular traffic resulting from the change in noise climate due to increased road traffic was predicted to be +1dB, which is so limited so as to be unperceivable, other than by calculation or very precise measurements excluding all other

noise sources. Therefore the impact of increased traffic noise on existing property occupants would be sufficiently low as to assure compliance with WHO Noise Guidelines.

The submitted reports base their prediction of acceptable noise impacts upon calculations demonstrating reductions in noise emission as a result of a series of noise abatement proposals. In order to make the proposal acceptable these abatement proposals must have been completed prior to a permitted increase in throughput of the factory from 1 million birds per week to 2 million birds per week. I therefore propose the following conditions: -

- 1) Any increase in throughput or production associated with this permission shall not be permitted until the implementation of any scheme of mitigation (as detailed in the submitted Noise Assessment documents) has been completed. This must be confirmed to the LPA in writing as to have been installed, commissioned and determined to be operating to specification. The scheme shall include (but not solely relate to such measures); the perimeter noise barrier; the chiller plant cladding/shielding; the exhaust louvres; HVAC units; Aeration Blowers/Effluent Treatment Plant and abatement to the Existing Scrubber Unit (as proposed).
- 2) The operational noise level from the operational site shall not exceed the following criteria
 - a) 43 dB LAeq (1 hour) (free field), for any period of one hour at a position on the boundary of the property Marlbrook House, Pickhill Lane (Location A) between the hours of 07:00 – 23:00 hrs on any day.
 - b) 39 dB LAeq (15 min) (free field), for any period of fifteen minutes at a position on the boundary of the property Marlbrook House, Pickhill Lane (Location A) between the hours of 23:00–07:00 hrs on any day.

It is the opinion of Public Protection that conditions relating to increased noise, specifically at one location (Marlbrook House), should be applied by the local authority as detailed extensive reports (15 in total) were submitted by the applicant regarding sound level measurements and impacts on the nearest noise sensitive receivers, noting an increased impact. As complaints have been received in 2023 regarding noise from delivery vehicles travelling to and from the plant, therefore outside of the NRW permit purview, it was felt that analysis and recommendations were appropriate.

The odour impact assessment indicated that there would be a negligible impact at all receptor locations as *'the results of dispersion modelling show that predicted odour impacts at all receptors are all well below the suggested impact benchmark range of 3.0 to 5.0 ouE/m3 and modelled impacts are also all below a more precautionary 1.5 ouE/m3 benchmark assuming 15m stacks discharging air from two chemical scrubbers serving the processing plant and a 15m scrubber stack serving the upgraded wastewater treatment plant scrubber'*.

As a result Public Protection does not have any concerns regarding the odour impact assessment



p.p.

Ian Jones
Public Protection Service Manager