wrexham
COUNTY BOROUGH COUNCIL
CYNGOR BWRDEISTREF SIROL
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MEMORANDUM

From: **Ian Jones**
Head of Service Public Protection

To: **Matthew Phillips**
Head of Service Planning Development

Our Ref:

Your Ref: P/2025/0773

Date: 20-01-2026

Town and Country Planning Act 1990

Town and Country Planning (General Development Procedure) Order 1996

Re: P/2025/0773, PLAS GORORAU, ELLICE WAY, WREXHAM TECHNOLOGY PARK, WREXHAM, LL13 7YY

CODI STRWYTHUR PLASTIG WEDI'I ATGYFNERTHU Â GWYDR A SLABIAU CONCRIT CYSYLLTIEDIG I GARTREFU UNED TRIN AER / ERECTION OF GLASS REINFORCED PLASTIC STRUCTURE AND ASSOCIATED CONCRETE SLAB TO HOUSE AIR HANDLING UNIT

RPT1 - REPORT REVIEW

The ADC Acoustics report (ARR/C/3821.07, 15 January 2026) concludes that the proposed external plant is unlikely to be a concern at the nearest residential receptors: measured background levels of 50 dB LAeq (day) and 50 dB LAeq (night) (Appendix 2) compare with modelled specific levels of 33–35 dB LAeq (day) and 28–29 dB LAeq (night), giving rating / background margins comfortably below zero and an overall interpretation of low/negligible impact in the established commercial context.

The report also identifies the following mitigation measures as necessary to secure that outcome in practice:

- install the two air handling units within the proposed GRP enclosure constructed to the acoustic performance assumed in the assessment (3–6 mm GRP panel performance and the octave band/Rw values used for modelling).
- fit the AHU inlet and exhaust with the 1500 mm attenuators shown on the plans; provide additional silencers where required so that the insertion loss of inlet/exhaust and any breakout from the AHU body matches or exceeds the values used in the model.
- restrict VRF outdoor units to daytime operation (08:00–18:00) as stated; ensure AHUs operate at a reduced duty at night as assumed in the assessment or are afforded equivalent acoustic protection for any nighttime operation.
- install plant, attenuators and silencers so that the installed acoustic performance meets or exceeds the enclosure and attenuator performance assumed in the model.

These measures constitute the mitigation the report identifies as necessary to secure the (negligible) noise impact concluded in the assessment and are recommended to be secured by condition and implemented prior to first use.

It is also recommended that before first use that a noise survey by a suitably qualified acoustician is conducted to confirm the installed plant and attenuation achieve the modelled performance and to identify and implement any remedial works if required,

with the above mitigation measure and recommendation in place Public Protection has no objection to this development on the basis of noise’

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Head of Service Public Protection