

From: Tahir Rafiq [REDACTED]

Sent: 19 February 2026 14:21

To: Kieran Neumann <Kieran.Neumann@wokingham.gov.uk>

Subject: RE: 5813 - Wargrave - ref: 252185 - Application to vary condition 2

No problem Kieran,

In summary a BS 4142:2014+A1:2019 has been undertaken to assess industrial & commercial sound, it was stated plant noise should not exceed representative background levels at sensitive receptors. 72-hour unattended monitoring was undertaken which allows a strong dataset across weekdays and nights. The assessment states, the position chosen was to avoid construction noise influence which is reasonable

Data shows some daytime contamination (construction noise), but LA90 metric appropriately removes these effects. Modelling via CadnaA using ISO 9613-2 is industry standard, the Use of manufacturer octave-band data improves reliability.

The assessment has noticed a slight rise in the nighttime however mitigation shall resolve the issue.

From: Tahir Rafiq [REDACTED]
Sent: 19 February 2026 13:55
To: Kieran Neumann <Kieran.Neumann@wokingham.gov.uk>
Subject: RE: 5813 - Wargrave - ref: 252185 - Application to vary condition 2

Hi Kieran,

The Environmental Protection Team have reviewed the submitted Noise Impact Assessment (NIA) prepared by Auditive Ltd to support a Section 73 application relating to changes to the roof-mounted building services plant at the above site. The assessment was requested by the LPA to determine compliance with the requirement that plant noise should not exceed representative background levels at nearby sensitive receptors.

An unattended noise monitoring was undertaken between 11:00 hours on the 18th November 2025 and 09:40 hours on the 21st November 2025, representative daytime and night-time background sound levels. The Background levels determined as 37 dB LA90 (day) and 29 dB LA90 (night).

Section 5.1 of the report states a Noise propagation modelling using CadnaA in line with ISO 9613-2, with manufacturer's octave-band data applied where available.

Section 5.9 of the reports states that unmitigated night-time plant noise would marginally exceed background levels, necessitating mitigation. The applicant proposes installation of 2.0 m and 2.2 m acoustic screens around key plant items, constructed of close-boarded timber or equivalent solid materials with a minimum mass of 10 kg/m²..

The NIA demonstrates that with the screens installed The Daytime façade levels reduce to ≤34 dB LAeq (below 37 dB LA90) and the Night-time façade levels reduce to ≤27 dB LAeq (below 29 dB LA90).

The Environmental Protection Team have no objections subject to the mitigation proposed.

The roof-mounted plant shall not be brought into operation until the acoustic screening detailed in the Noise Impact Assessment (Auditive Ltd, Ref: A0194-REP01, dated 15 December 2025) has been installed in full. The screening shall be permanently retained and maintained.

Kind Regards

Tahir

Tahir Rafiq
Environmental Health Officer
Enforcement and Safety

