

NOISE MANAGEMENT PLAN for Peplow Hall Wedding Venue Peplow, Market Drayton, Shropshire, TF9 3JP

January 2024



PEPLOW HALL



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NOISE MANAGEMENT PLAN

The following management plan has been developed by SBM Safety Solutions in consultation with the management team at **Peplow Hall, Peplow, Market Drayton, Shropshire, TF9 3JP** and informed by a noise impact assessment carried out in January 2023:

Summary

1. Activities and plant associated with the Hall and Gardens which will be used as a wedding and events venue are likely to be located as illustrated below within the constraints of the geography of only part of the site.

Figure 1 – Peplow Hall (Venue and Gardens and Receptors)



Table 1 – Sources of Noise


Source	Description of noise and characteristics
Internal Function Rooms	Music system – noise breakout especially low frequency sounds
Car Movement / Parking	Engine noise and pass by noise, doors slamming, music systems and deliveries
Gardens – music / people	Amplified music, general chatter, laughing, shouting by patrons
Kitchen Extraction (other external plant)	External plant and ducting




Equipment / Activities (Mitigation) and Contribution

An assessment was made for this site and from the original assessment noise levels from the various sources were determined. The resultant levels at the three nearest receptors were estimated (including noise reduction due to screening and distance).

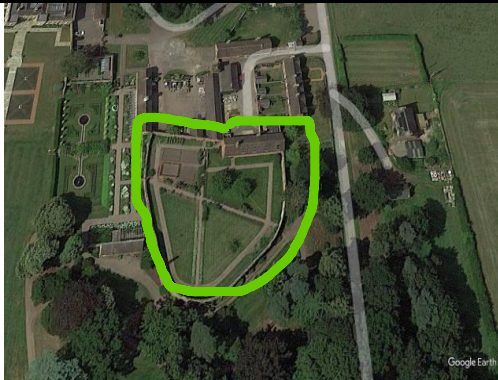
Table 2

Description	Noise Level at Receptors dBA	Background Noise Level at Receptors L90 dBA	Contribution	Images	Mitigation
Internal Function Rooms	15	27-29	Low		<p>New windows, doors and roof Lights are well sealed and will be kept closed during functions. Training of staff.</p> <p>Nearest receptor locations will be monitored when installing the sound system to ensure inaudibility – it is likely that low frequency sounds will be more significant, and the system frequencies will be adjusted accordingly if necessary.</p> <p>Amplified music levels estimated at 95dBA in the function room. “Limiters” will be considered where necessary so that bass levels are controlled – lower frequency sounds may not be audible based on</p>



					measurements and subjective observations made on site in 2023.
<p>Car Movement / Parking</p> <p>Delivery vehicles</p> <p>Other vehicles</p>	49	27-29	Significant		<p>There will be spaces for car parking. 5mph signage is displayed at the site entrance and at strategic locations along the roadway.</p> <p>Smooth road surfaces will be maintained to reduce road surface noise.</p> <p>Staff will be trained to assist cars on arrival and departure at entrances and in the car park and to remind patrons to minimise engine / music noise and slamming doors generated by cars.</p> <p>Signs will be displayed in the car park reminding patrons to consider resident neighbours when leaving the site at night – this will be made visible at night.</p> <p>Staff will monitor vehicle noise and carry out patrols.</p> <p>Deliveries will be arranged for daytime periods only.</p> <p>Bottling out will not take place between the hours of 2100 and 0900 hours.</p>



<p>Gardens – music / people</p>	<p>22</p>	<p>27-29</p>	<p>Low</p>		<p>Receptors are screened by the building and wall. Amplified music levels will be limited in the gardens to ensure inaudibility at the receptors.</p> <table border="1" data-bbox="1543 403 1771 603"> <tr> <td>Limit at 25m (behind barrier) to achieve limit</td> </tr> <tr> <td>44</td> </tr> <tr> <td>44</td> </tr> </table> <p>See Figures 2 and 3 below</p> <p>Octave band frequencies will be adjusted accordingly if necessary. Signage / notices will be positioned at strategic external locations to remind patrons to consider resident neighbours in regard to noise. Soft closing devices, seals and other absorbent treatment will be used on doors to ensure that they can't be slammed and to reduce impact noise. Staff will monitor noise levels internally and externally and patrol the boundary periodically to monitor "breakout" noise. Use of the gardens will be limited after 11pm.</p>	Limit at 25m (behind barrier) to achieve limit	44	44
Limit at 25m (behind barrier) to achieve limit								
44								
44								



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Kitchen Extraction / other external plant	2	27-29	Low		<p>Extraction systems have been specified so that noise propagating from the stack results in levels below the existing background levels at the receptors as have the heat pumps. The equipment will be serviced and maintained – contracts in place. Future purchases will also consider noise propagation and resultant levels at the receptors as noted above. Site management shall check site plant and equipment to ensure that there is no excessive noise due to maintenance issues.</p>
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Figure 2 – Speaker Positions Facing away from Receptors (screened by building and wall)

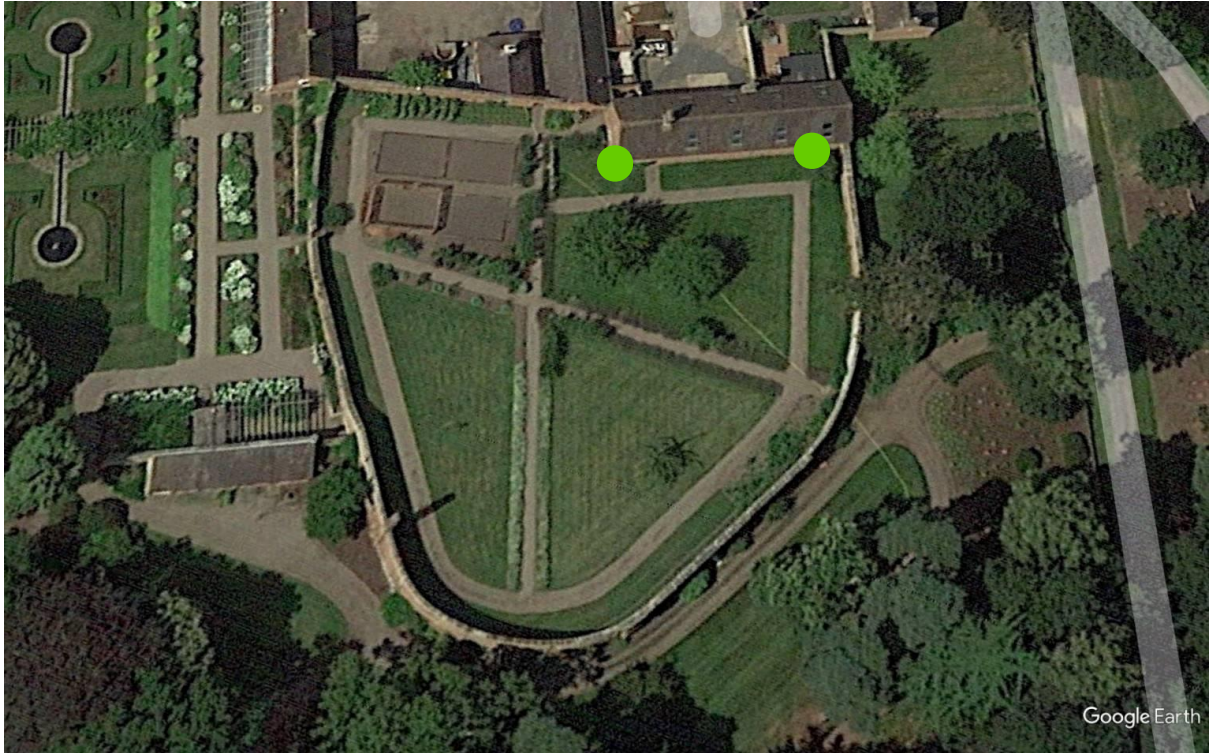


Figure 3 – Levels must not exceed 44dBA from amplified music at this point





Table 3 – Indicative Octave Band Levels for Amplified Music in the Function Room @95dBA

Octave Band Centre Frequency [Hz]					dBA
125	250	500	1k	2k	
100.0	92.4	93.3	87.3	89.4	95.0

Table 4 – Indicative Octave Band Levels at 25m from the Garden @ 44dBA

Octave Band Centre Frequency [Hz]					dBA
125	250	500	1k	2k	
49.0	41.4	42.3	36.3	38.4	44.0

Purchasing

Future equipment purchasing policy will include consideration of the noise produced by the equipment. Where a choice of plant is available, the quieter will be chosen. Generally, manufacturers will include sound level output in the specification of their equipment which site management will refer to.

Maintenance

Kitchen (and other) plant - the event management team will ensure that regular and effective maintenance is carried out which as well as reducing noise will contribute to greater efficiency in operation.

Site Operations

Site management will ensure that staff and patrons avoid unnecessary revving of engines, which specified speeds of vehicle movement are maintained, that roads are maintained to minimise vehicle noise. Vehicle routes and surfaces will be kept smooth and free from debris to prevent additional noise – i.e. “crunching” and “cracking” as vehicles drive over the debris.

Site management will ensure that staff receive adequate information, instruction and training in regard to keeping levels of noise as low as possible. Site management will also use notices and signs to remind staff and visitors.



Training will include:

- avoiding unnecessary revving of engines and switching off equipment when not required;
- keeping internal routes well maintained;
- keeping traffic routes clear and free from debris;
- avoiding impact noise (slamming car doors or entrance doors / gates);
- maintaining kitchen extraction plant (and other external plant)
- sequencing delivery times for daytime periods

Sequencing

The site managers will liaise with the local community to enable extraordinary noisy operations to take place at times when they would have the least impact on the occupiers.

By implementing the above action plan, site noise can be effectively managed

Management / Monitoring scheme:

- Site management will regularly patrol the site boundary and listen out for potentially problematic noise emanating from the site to ensure that the noise action plan is effective. Any additional action will be taken, as necessary.
- Site management will regularly review the noise action plan and ensure that staff are employing noise reduction techniques.
- A nominated “Events Manager” will be responsible for all activity taking place.
- All managers will be fully aware and conversant with the noise management plan.
- All events will be wound down in a professional manner. Customer’s will be informed that the bar / function rooms / music systems / smoking areas are being shut down or closed.
- Site staff will be employed for up to 1 hour after the day’s activities or events end to make sure dispersal takes place in an orderly and proper manner and noise is restricted to vehicles leaving the site. Staff will be equipped with either mobile phones or radios and be able to communicate with the Events Manager to enable a quick response to any incident or complaint.



Customers

Customers will be required to park in the designated car park area.

Notices and announcements will instruct customers to desist from generating excessive noise in external areas and to consider local residents.

Waste

All waste facilities will be located at the rear of the building facing away from the receptors. Bottling out will not take place between the hours of 2100 and 0900 hours

Events

During events all windows and doors, except doors used for access and egress will be kept closed to reduce noise escaping. When an event is held, site staff will discuss and implement any additional controls and inform customer's verbally where their assistance is required.

Information

Site staff will make customers aware of the consequences of noise and ask for their assistance in dealing with the problem.

Exit signs will be displayed asking customers to leave the premises in a quiet and orderly fashion to show respect to local neighbours.

Reminders will be made on a regular basis about noise pollution as well as smoking, litter and other environmental issues. Reminders will be made prior to dispersal at the end of each night or each event.

Complaints Procedure

Site staff will liaise regularly with nearby residents to ascertain if there have been any issues with noise. A record will be kept. Suitable remedial measures will be taken with immediate effect.

The Events Manager will record any complaints made by nearby residents or others and will respond immediately and appropriately to that complaint.



Appendix 1

Noise Monitoring Form

Location	Weather	Date	Name
<p>Observations:</p> <p>Is noise from the premises audible? Describe noise.</p> <p>In your opinion is the noise likely to give rise to complaint?</p> <p>Is additional monitoring necessary (measurements) – details below?</p> <p>Have the nearest residents been consulted?</p> <p>Comments:</p>			

Noise Measurements (if applicable)

Location

Equipment Used

Noise level LAeq, 1hour (or other):



Appendix 2

Complaints

Date of complaint
Person making the complaint
Address of complainant
Nature of complaint
Details of remedial measures (where necessary)
Remedial measures or controls completed (date)
Signature
Complainant informed (Date)